

INTERNAL ASSESSMENT

(Frequency and Mode)

DEPARTMENT OF BOTANY

CAREER COLLEGE BHOPAL DEPARTMENT OF BOTANY

// Notice //
2022-2023

31/10/2022

This is to inform that CCE exam will be held from 07 Nov. 2022. It is compulsory for all the students of M.Sc. I & III Sem Botany to give CCE. All the students should come in Botany lab. by 11.00 am.

CLASS	PAPER	DATE	Mode
M.Sc. I & III SEM	PAPER I	07/ Nov./22	Test
	PAPER II	08/ Nov./22	Test
	PAPER III	09/ Nov./22	Test
	PAPER IV	10/ Nov./22	Test

[Signature]
31/10/22
H.O.B.

Department of Botany

H.O.B.
Dept. of Botany

[Signature]
21/11/2022

Principal
Career College Bhopal

**CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY
2022-23
M.Sc. -I SEM
CCE(Paper I)**

Time: 1 hrs.

M.M.-15

Note: Attempt only 3 questions. Give suitable diagram wherever necessary.

Q1. Write an essay on Virus

Q2. Describe the cell structure and economic importance of Mycoplasma.

Q3. Describe the cell structure and economic importance of Cyanobacteria.

Q4. Write an essay on Archaeobacteria.

Q5. Write short note on

- a. Rickettsiae
- b. Bacteriophage
- c. Actinomycetes
- d. Isolation and Purification of Viruses

DEPARTMENT OF BOTANY

2022-23

M.Sc. -I SEM

CCE: Paper II

Time: 1 hrs.

M.M.-15

Note: Attempt all questions. Give suitable diagram wherever necessary.

Q1. Write short note on (any2). (5)

- a. Prokaryotic algal cell
- b. Pigments of algae
- c. Reproduction in algae

Q2. Explain the life cycle of *Chlorella*. (5)

Or

Describe the lifecycle pattern of *Hydrodictyon*.

Q3. Describe the thallus organization in algae. (5)

Or

Explain the algal classification based on flagella

**CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY
2022-23
M.Sc. I SEM
CCE (PAPER III)**

Time: 45 min.

M.M 15

Note: Attempt all questions. Give suitable diagram wherever necessary.

Q1). Write short note on economic importance and distribution of bryophytes in India. (5)

OR

Describe briefly the various views regarding the evolution of sporophyte in bryophytes.

Q2). How can you differentiate between the sporophyte of *Pellia* and *Porella*. (5)

OR

Describe the juvenile stage of sphagnum.

Q3). What are the different theories regarding the origin of bryophytes. (5)

OR

What is vegetative reproduction? Explain the vegetative reproduction in bryophytes.

**CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY
2022-23
M.Sc. -I SEM
CCE (Paper IV)**

Time: 1 hrs.

M.M.-15

Note: Attempt only 3 questions. Give suitable diagram wherever necessary.

- Q1. Write down general characteristics of Gymnosperms.
- Q2. What are the contributions of Indian Scientist in the field of Gymnosperms.
- Q3. What are fossils gymnosperms explain by giving one example.
- Q4. What are the economic importances of Gymnosperms.
- Q5. Give classification of Gymnosperms.

CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY
2022-23
CCE ATTENDANCE SHEET

M.Sc. I Sem

S.no.	Roll No.	Enrollment No.	Name of candidate	Paper I	Paper II	Paper III	Paper IV
1			PARUL MAJHI	Parul	Parul	Parul	Parul
2			SHREYA SEN	Shreyasen	Shreya	Shreya	Shreya
3			AKANKSHA SHARMA	Akanksha	Akanksha	Akanksha	Akanksha
4			PREETI SITOLE	Preeti	Preeti	Preeti	Preeti
5			PRIYANKA ASHOK	Priyanka	Priyanka	Priyanka	Priyanka
6			RISHIKA MISHRA	Rishika	Rishika	Rishika	Rishika

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CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY
2022-23
M.Sc. -III SEM
CCE (Paper I-Systematic of Angiosperm)

Time: 1 hrs.

M.M.-15

Note: Attempt only 3 questions. Give suitable diagram wherever necessary.

- Q1. Write short note on ICBN? (5)
- Q2. Explain the morphology of flowers. (5)
- Q3. Write short note on herbarium (2.5)
- Q4. Explain the origin of placentation and their types. (2.5)

**CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY
2022-23
M.Sc. -III SEM
CCE (Paper II)**

Time: 1 hrs.

Note: Attempt only 3 questions. Give suitable diagram wherever necessary.

M.M.-15

Q1. Explain the structure and forms of DNA.

Q2. How DNA replication occurs. Explain.

Q3. What is In situ hybridization.

Q4. Explain Heterosis in detail.

Q5. What is C value Paradox.

Q6. Explain DNA damage and Repair.

CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY
2022-23
M.Sc. -III SEM
CCE: Paper III

Time: 1 hrs.

M.M.-15

Note: Attempt all questions. Give suitable diagram wherever necessary.

Q1. Explain the fatty acid biosynthesis with ray diagram? **(5)**

Or

Write the theories of ATP synthase

Q2. Explain the process of β oxidation. **(5)**

Or

Write note on any 2

- a.) Plant respiration
- b.) Structural lipid
- c.) Glycolysis

Q3. Describe Glyoxlate cycle **(5)**

CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY
2022-23
M.Sc. -III SEM
CCE (Paper IV)

Time: 1 hrs.

M.M.-15

Note: Attempt only 3 questions. Give suitable diagram wherever necessary.

Q1. What is biodiversity? Write an essay on biodiversity.

Q2. Write note on Indian endangered and Threatened species. How we conserve the biodiversity

Q3. Write short note on (any 2)

- a. Hotspot
- b. Red data Book
- c. Insitu Conservation

Q4. Write an essay on remote sensing.

Q5. Write short note on

- a. EMR bands and application
- b. Thematic Mapping

CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY
2022-23
CCE ATTENDANCE SHEET

M.Sc. III Sem

S.no.	Roll No.	Enrollment No.	Name of candidate	Paper I	Paper II	Paper III	Paper IV
1	2201400301	R220140690004	ARPITA TIWARI	Arpita	Arpita	Arpita	Arpita
2	2201400302	R17041030046	DEEKSHA VIJAYVARGIYA	Deeksha	Deeksha	Deeksha	Deeksha
3	2201400303	R220140690003	MUSKAN JAISWAL	Muskan	Muskan	Muskan	Muskan
4	2201400304	R190140300145	OMJAY	Omjay	Omjay	Omjay	Omjay
5	2201400305	R220140690001	RAHUL SAHU	Rahul	Rahul	Rahul	Rahul
6	2201400306	R190140300072	SUJAL DHAKAD	Sujal	Sujal	Sujal	Sujal
7	2201401201	R220140690002	DIPTEE PANDEY	Diptee	Diptee	Diptee	Diptee
8	2201401202	R190140300199	KHUSHBU SINGH RAJPOOT	Khushbu	Khushbu	Khushbu	Khushbu
9	2201401601	R190140300042	UTTARA SINGH	Uttara	Uttara	Uttara	Uttara
10	2201402101	R131070300011	SANOVAR QURESHI	Sanovar	Sanovar	Sanovar	Sanovar

Career College, Bhopal
Notice and Time Table
CCE-2022-23

Date: 3/11/22

This is to inform that **CCE I of B.Sc. I, II and III Year** will be held on following dates. It is compulsory for all students to attend the examination. For any details students can contact their mentor.

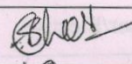
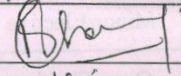
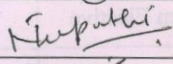
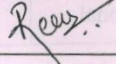
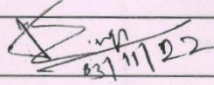
Date	Subject	Paper	Mode of CCE
			B.Sc. I yr
7/11/22	Major	Biotechnology/Chemistry/ Microbiology/Zoology/Botany	Assignment
9/11/22	Minor/Elective	Chemistry	Assignment
10/11/22	Minor/Elective	Zoology	Assignment
✓11/11/22	Minor/Elective	Botany	Assignment
12/11/22	Open Elective	-----	Assignment
14/11/22	Vocational	-----	Assignment


Date	Subject	Paper	Mode of CCE
			B.Sc. II yr
7/11/22	Minor/Elective	Chemistry	Poster Presentation
9/11/22	Major	Biotechnology/Chemistry/ Microbiology/Zoology/Botany	Poster Presentation
✓10/11/22	Minor/Elective	Botany	Poster Presentation
11/11/22	Minor/Elective	Zoology	Poster Presentation
12/11/22	Vocational	-----	Poster Presentation
14/11/22	Open Elective	-----	Poster Presentation

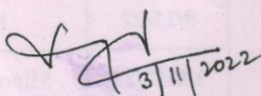
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3/11/2022

Class	Subject	Date	Mode of CCE
B.Sc. III Year	Microbiology /Biotechnology/Biochem	7/11/22	PPT Presentation
	Zoology	9/11/22	PPT Presentation
	Botany	10/11/22	PPT Presentation
	Computer	18/11/22	PPT Presentation
	English	20/11/22	PPT Presentation
	Hindi	19/11/22	PPT Presentation
	Chemistry	16/11/22	PPT Presentation

Note: For details regarding Time & Syllabus, contact the concerned department.

Department	HOD's Signature
Dept. of Chemistry	
Dept. of Botany	for 
Dept. of BT & Bio. Chem.	
Dept. of Microbiology	
Dept. of Zoology	
Dept. of Linguistic	 23/11/22
Dept. of Computer Science	


Dr. Suparna Ghosh
 Dean
 Life Sciences, Career College, Bhopal


Dr. Charanjit Kaur
 Principal
 Career College, Bhopal

CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY
2022-23
B.Sc. -III Year
CCE-1 PowerPoint Presentation Topics
Paper- I: Plant physiology and Biochemistry


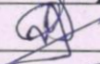
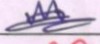
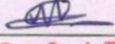
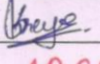

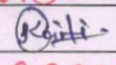


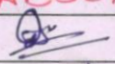
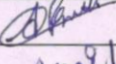
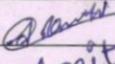
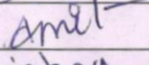
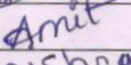
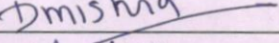
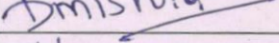
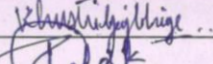
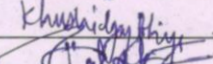
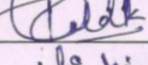
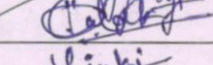
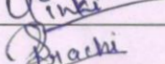
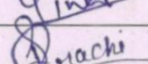
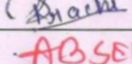
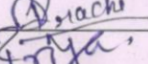
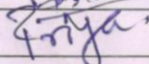
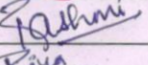
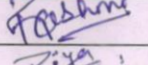
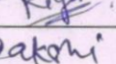
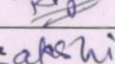
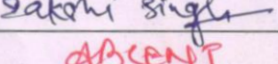
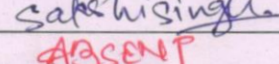
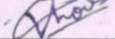
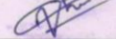
- DNA Damage and Repair-
- Theories of ATP synthesis.
- Photorespiration
- Plant Water Relations
- Osmosis & Osmotic relation to plant cell
- Ascent of Sap
- Transpiration
- Structure & Physiology of Stomata
- Mode and mechanism of enzyme action
- *Golgi complex*
- Nucleus
- Plasma Membrane
- Nitrogen fixation
- Mutation: Spontaneous And Induced
- Endoplasmic Reticulum
- Cytoplasmic inheritance
- Carbohydrates
- Law of Dominance
- Lipids
- Mitochondria
- Chloroplast
- Mendel law – law of inheritance


J. S. S.
A. S. S.
Dept of Botany
Career College Bhopal

CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY
2022-23
CCE ATTENDANCE SHEET

B.SC. III YEAR

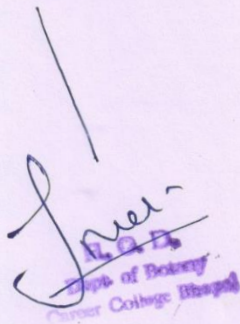
Date:10/11/22

S.No.	Student Name	Paper I	Paper II
1	VISHWAM JAWADE		
2	MANASH BACHAR		
3	PRAFOOL AKHANDE	ABSENT	ABSENT
4	SHREYA TIWARI		
5	AYAZ KHAN	ABSENT	ABSENT
6	KRITI PANDEY		
7	MD MUDASSIR	ABSENT	ABSENT
8	SHUBHANSHU SHUKLA		
9	AARTI PANTHI		
10	AMIT SINGH KUSHWAHA		
11	DIKSHA MISHRA		
12	KHUSHI GAJBHIYE		
13	PALAK SAHU		
14	PINKI YADUWANSHI		
15	PRACHI YADUWANSHI		
16	PRIYA SONI	ABSENT	
17	RAJ RAJAK	ABSENT	ABSENT
18	RASHMI PANDEY		
19	RIYA PRASAD		
20	SAKSHI SINGH		
21	SURJEET SHILPI	ABSENT	ABSENT
22	VIKAS CHOUREY		


Coordinator Sign.

CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY
2022-23
B.Sc. -II Year
CCE-1 Poster Presentation Topics
Paper – Minor (Botany)

1. Flower Based Industries.
 - Perfume Products of Gulab / Jasmine
 - Raw Material for Fermentation (Mahua)
2. Leaf Based Industries.
 - Leaf Oil- Camphor, Tulsi, Eucalyptus
 - Leaf Spices- Kasoori Meethi, Pudina, CurryPatta
3. Timber Industries.
 - Shisham, Sal Teak, Deodar


A. D. D.
Dept. of Botany
Career College (Bhopal)

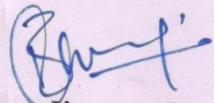
CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY
2022-23
CCE ATTENDANCE SHEET

B.SC. II YEAR

Date: 10/11/22

S.No.	Student Name	Minor Paper
1	AMAN SONI	<i>Aman Soni</i>
2	ANUJ PRATAP BAGRI	<i>Anuj Bagri</i>
3	ARYAVRAT SINGH	<i>Aryavrat Singh</i>
4	BHARAT RAWAL	<i>Bharat Rawal</i>
5	DARSHAN VISHWAKARMA	ABSENT
6	DEEPAK PANDIT	<i>Deepak Pandit</i>
7	HEERA SHANKAR KOL	ABSENT
8	JYOTI VINCY MINJ	<i>Jyoti Minj</i>
9	KSHAMA GUPTA	<i>Kshama Gupta</i>
10	KUNAL SIKARWAR	<i>Kunal Sikarwar</i>
11	MANAS	ABSENT
12	MONTI PAL	<i>Monti Pal</i>
13	MUSKAN SHAKYA	<i>Muskan Shakya</i>
14	POOJA VISHWAKARMA	<i>Pooja Vishwakarma</i>
15	PRAGENDRA BAGRI	<i>Pragendra Bagri</i>
16	PRITI SINGH	ABSENT
17	PRITY KUMARI LAMA	<i>Prity Kumari Lama</i>
18	RAHUL PRAJAPATI	<i>Rahul Prajapati</i>
19	RASHMI GAJGHATE	<i>Rashmi Gajghate</i>
20	SAARTHAK KEHRI	<i>Saarthak Kehri</i>
21	SACHIN JAISWAL	ABSENT
22	SATYAM SINGH	ABSENT
23	SHEEBA KHAN	<i>Sheeba Khan</i>
24	SHIVAM TIWARI	<i>Shivam Tiwari</i>
25	SHUBHAM VISHWAKARMA	<i>Shubham Vishwakarma</i>

26	SRISHTI PANDEY	ABSENT
27	SURYA PRAKASH SHARMA	Surya P.
28	SUSHMITA ROY	Sushmita
29	TUSHAR BOBDE	Tushar
30	VARSHA TIWARI	Varsha
31	YAJUSHI MISHRA	Yajushi
<u>Majors</u>	Mohit Mukherjee	Mohit


Coordinator Sign.

**CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY**

2022-23

B.Sc. -I Year

**CCE-1 Assignment Topics
Paper – Major (Botany)**

- Phyto Remediation
- Organic Farming
- HortiCulture
- Silvi culture

Paper – Minor (Botany)

- Structure of Plant Cell
- Prokaryotic and Eukaryotic Cell
- Microscope Structure and Function
- SEM
- TEM
- General characteristics of Algae: Diversified Habitats
- Thallus organization
- Cell Ultra structure
- Algal Reproduction

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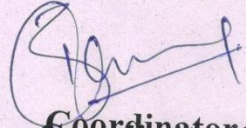
CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY
2022-23
CCE ATTENDANCE SHEET

B.SC. I YEAR

Date:11/11/22

S.No.	Student Name	Major II/ Minor	
1	AKRUTI BALKI	Akruti	+
2	DEEPSHIKHA CHATTERJEE	Deepshikha	+
3	KUMARI NEHA	Neha	++
4	SUMIT PANDEY	Sumit	
5	AADI JAIN	Aadi	
6	TANISH DABI	Tanish D.	+
7	HARSHITA MALYA	Harshita	
8	PRIYANSHI TRIVEDI	ABSENT	
9	SHALINI RATHORE	Shalini	
10	HANA KHAN	ABSENT	
11	ROSHNI PAL	Roshni Pal	++
12	MOHD ADNAN KHAN	ABSENT	
13	TAVISHI VYAS	Tavishi	
14	AMAN RAJAK	Aman	+
15	SARATHI SHARMA	Sarathi	+++
16	SHEETAL SONKAR	Sheetal	++
17	SANIYA NASIR	Saniya	+
18	SANJANA SARATHE	Sanjana	
19	MANYA SHROTI	Manya	+
20	KHUSHI SULEKHIYA	Kushi	
21	SHREYA MALVIYA	Shreya	
22	TRISHA TYAGI	T.C.	
23	KHUSHI RAI	Kushi Rai	+++
24	KHUSHI SONI	Kushi Soni	++

25	POOJA PRADHAN	Pooja	
26	ASHISH PETER	Ashish	+++
27	KHUSHI ANAND	khushi	+++
28	NIKHIL GUPTA	T.C.	
29	OJASVI BISEN	T.C.	
30	SUMIT PATHEKAR	Sumit	+
31	V ABHISHEK	Abhishek	+
32	ADITI PATKAR	Aditi	+++
33	ANURAG LODHI	Anurag	+++
34	BUNTY MUKATI	Bunty	
35	ANKIT PATEL	Patel	
36	Vanshika Satpute	Vanshika	++
37	Mariyam Khan	Mariyam	++
38	Aakarsha Babel	Aakarsha	+++


Coordinator Sign.

**CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY**

**// Notice //
2022-2023**

18/03/2023

This is to inform that CCE exam will be held from 20 Mar. 23. It is compulsory for all the students of M.Sc. II & IV Sem Botany to give CCE. All the students should come in Botany lab. by 11.00 am.

CLASS	PAPER	DATE	Mode
M.Sc. II & IV SEM	PAPER I	20/Mar./23	Test
	PAPER II	21/Mar./23	Test
	PAPER III	22/Mar./23	Test
	PAPER IV	23/Mar./23	Test



**H.O.D.
Department of Botany**



**Principal
Career College Bhopal**

CAREER COLLEGE BHOPAL

DEPARTMENT OF BOTANY

**2022-23
M.Sc. II SEM**

CCE:- PAPER I: CELL BIOLOGY AND GENETICS

Time: 2hrs

MM. 15

Note: Attempt any three questions. Each carries 5 marks.

Q.1. Describe the structure and chemical composition of Plasma Membrane.

Q.2. Write the structure Plant cell.

Q.3. Describe the structure of Nucleosome.

Q.4. write the structure and function of Chloroplast or Mitochondria.

Q.5. Write a short note on ATPase.

DEPARTMENT OF BOTANY

**2022-23
M.Sc. II SEM**

CCE:- PAPER II: PLANT DEVELOPMENT AND REPRODUCTION

Time: 2hrs

MM. 15

Note: Attempt any three questions. Each carries 5 marks.

Q.1. Write short note on
a.) Root Hair
b.) Tissue System

Q.2. Describe RAM or SAM.

Q.3. Describe Pollination in detail.

Q.4. Describe secondary anomalous structure of stem.

Q.5. Describe role of Tapetum.

**CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY
2022-23
M.Sc. II SEM
CCE**

Paper III: Plant Physiology- I

Time: 45 min.

M.M 15

Note: Attempt all questions. Give suitable diagram wherever necessary.

Q1. Write the principle of thermodynamics?

Or

Write note on mineral nutrition.

Q.2. Describe the mechanism of water absorption?

Or

What is transpiration? Discuss the mechanism of opening and closing of stomata. Describe the importance of transpiration.

Q.3. Define the following terms (any 5)

- a. Guttation
- b. Root Pressure
- c. Plasmolysis
- d. Osmosis
- e. Hydroponics
- f. Imbibition

CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY
2022-23
M.Sc. II SEM
CCE
Paper IV: Plant Ecology

Time: 45 min.

M.M 15

Note: Attempt all questions. Give suitable diagram wherever necessary.

Q1. What do you understand by Ecology? Explain in brief the division of plant ecology

Or

What do you understand by ecosystem? Describe its various biotic and abiotic components of ecosystem

Q.2. What is growth? Explain population growth curve?

Q.3. Explain the concept of speciation?

Q.4. Write short note on (any3)

- a. Ecological restoration
- b. Resilience
- c. Persistence
- d. Ecological Niche

Q.5. What do you mean by ecological succession. Describe the factors and reactions of hydrosere and xerosere.

Or

Describe in brief the organization concept of community.

CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY
2022--23
M.Sc. II SEM
CCE Attendance sheet

S.NO.	STUDENT NAME	Paper I	Paper II	Paper III	Paper IV
1	PARUL MAJHI	<u>Parul</u>	<u>Parul</u>	<u>Parul</u>	<u>Parul</u>
2	SHREYA SEN	<u>Shreye Sen</u>	<u>Shreya</u>	<u>Shreya</u>	<u>Shreya</u>
3	AKANSHA SHARMA	<u>Akansha</u>	<u>Akansha</u>	<u>Akan</u>	<u>Akan</u>
4	PREETI SITOLE	<u>Preeti</u>	<u>Preeti</u>	<u>Preeti</u>	<u>Preeti</u>
5	PRIYANKA ASHOK	<u>Priyanka</u>	<u>Priyanka</u>	<u>Priyanka</u>	<u>Priyanka</u>
6	OMJAY	<u>Omjay</u>	<u>Omjay</u>	<u>Omjay</u>	<u>Omjay</u>
7	ABRAHAM NARTEY	<u>Abraham</u>	<u>Abraham</u>	<u>Abraham</u>	<u>Abraham</u>
8					

**CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY
2022-23
M.Sc. -IV SEM
CCE(Paper I)**

Time: 1 hrs.

Note: Attempt only 3 questions. Give suitable diagram wherever necessary.

M.M.-15

Q1. Write an essay on Tissue culture

Q2. Describe organogenesis.

Q3. Describe the Totipotency

Q4. Write an essay Anther Culture or Embryo Culture.

Q5. Write short note on Callus.

**CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY
2022-23
M.Sc. -IV SEM
CCE(Paper II)**

Time: 1 hrs.

Note: Attempt only 3 questions. Give suitable diagram wherever necessary.

M.M.-15

Q1. Write an essay on Mushroom Cultivation.

Q2. Describe Vermiculture

Q3. Describe the Electrophoresis technique.

Q4. Write an essay on LAN.

Q5. Write short note on Aromatic oils.

CAREER COLLEGE BHOPAL

DEPARTMENT OF BOTANY

**2022-23
M.Sc. IV SEM**

CCE:- PAPER III: ENVIRONMENTAL SCIENCE

Time: 2hrs

MM. 15

Note: Attempt any three questions. Each carries 5 marks.

Q1. Describe radiant toxicants, Kinds Source and their biological effects.

Q2. Write short note on environmental organization and agencies.

Q3. Write about national environmental policies

Or

Q4. Indian environmental laws.

Q5. What do you understand by bioremediation. Write its scope and technology.

Q6. What do you mean by sustainable development. Describe its principle.

Q7. Write brief Koppen's classification of climate.

Q8. Define Radioactive Pollution. Enumerate source of exposure to Radiation.

CAREER COLLEGE BHOPAL

DEPARTMENT OF BOTANY

**2022-23
M.Sc. IV SEM**

CCE:- PAPER IV: POLLUTION ECOLOGY

Time: 2hrs

MM. 15

Note: Attempt any three questions. Each carries 5 marks.

Q.1. Write a short note on Biological Indicator of pollutions

Q.2. Give the classification of Contaminants.

Q.3. What is air pollution. Write the source and causes of air pollution

Q.4. Write an essay on Major environmental disaster of past.

Q.5. Write about the transport and dispersion of pollutants.

Q7 Write brief account of legislation and environmental protection acts in India.

CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY

2022--23

M.Sc. IV SEM

CCE Attendance sheet

S.NO.	STUDENT NAME	Paper I	Paper II	Paper III	Paper IV
1	ARPITA TIWARI	<u>Arpita</u>	<u>Arpita</u>	<u>Arpita</u>	<u>Arpita</u>
2	DEEKSHA VIJAYVARGIYA	<u>Deeksha</u>	<u>Deeksha</u>	<u>Deeksha</u>	<u>Deeksha</u>
3	DIPTEE PANDEY	<u>Diptee</u>	<u>Diptee</u>	<u>Diptee</u>	<u>Diptee</u>
4	KHUSHBU SINGH RAJPOOT	<u>Khushbu</u>	<u>Khushbu</u>	<u>Khushbu</u>	<u>Khushbu</u>
5	MUSKAN JAISWAL	<u>Muskan</u>	<u>Muskan</u>	<u>Muskan</u>	<u>Muskan</u>
6	RAHUL SAHU	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>	<u>Rahul</u>
7	SANOVAR QURESHI	<u>Sanovar</u>	<u>Sanovar</u>	<u>Sanovar</u>	<u>Sanovar</u>
8	SUJAL DHAKAD	<u>Sujal</u>	<u>Sujal</u>	<u>Sujal</u>	<u>Sujal</u>
9	UTTARA SINGH	<u>Uttara</u>	<u>Uttara</u>	<u>Uttara</u>	<u>Uttara</u>

Career College, Bhopal

Notice and Time Table CCE-2022-23

Date: 20/03/23

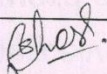
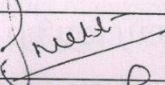
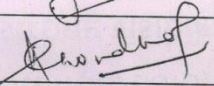
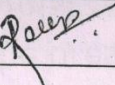


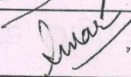
This is to inform that **CCE II** of **B.Sc. I, II and III Year** will be held on following dates. It is compulsory for all students to attend the examination. For any details students can contact their mentor.


Date	Subject	Paper	Mode of CCE
B.Sc. I Year			
24/03/23	Major	Biotechnology/Chemistry/ Microbiology/Zoology/Botany	Test
21/03/23	Minor/Elective	Chemistry	Presentation
23/03/23	Minor/Elective	Zoology	Assignment
25/03/23	Minor/Elective	Botany	Assignment
28/03/23	Open Elective	-----	Assignment
28/03/23	Vocational	-----	Assignment

Date	Subject	Paper	Mode of CCE
B.Sc. II Year			
21/03/23	Minor/Elective	Chemistry	Poster Presentation
23/03/23	Major	Biotechnology/Chemistry/ Microbiology/Zoology/Botany	Poster Presentation
24/03/23	Minor/Elective	Botany	Presentation Assignment
25/03/23	Minor/Elective	Zoology	Poster Presentation
28/03/23	Vocational	-----	Poster Presentation
28/03/23	Open Elective	-----	Poster Presentation

Class	Subject	Date	Mode of CCE
B.Sc. III Year	Microbiology /Biotechnology/Biochem	23/03/23	Assignment
	Zoology	24/03/23	Assignment
	Botany	24/03/23	Assignment
	Computer	25/03/23	Assignment
	English	25/03/23	Assignment
	Hindi	25/03/23	Assignment
	Chemistry	21/03/23	Assignment


Note: For details regarding Time & Syllabus, contact the concerned department

Department	HOD's Signature
Dept. of Chemistry	
Dept. of Botany	
Dept. of BT & Bio. Chem.	
Dept. of Microbiology	
Dept. of Zoology	
Dept. of Linguistic	
Dept. of Computer Science	


Dr. Suparna Ghosh

Dean

Life Sciences, Career College, Bhopal


Dr. Charanjit Kaur

Principal

Career College, Bhopal

CAREER COLLEGE BHOPAL

DEPARTMENT OF BOTANY

2022-23

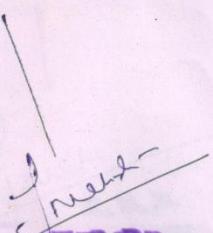
B.Sc. -III Year

CCE-2 Assignment Topics

[Any five]

Paper- I: Plant physiology and Biochemistry

1. Mitochondria, aerobic and anaerobic respiration, fermentation
2. Respiratory coefficient,
3. Mechanism of respiration — glycolysis,
4. Kreb's cycle,
5. Pentose phosphate pathway
6. Electron transport system,
7. Factors affecting rate of respiration,
8. Redox potential and theories of atp synthesis.
9. Classification, nomenclature and characteristics of enzymes,
10. Concept of holoenzyme, apoenzyme, co-enzyme and co-factors,
11. mode & mechanism of enzyme action,
12. Factors affecting enzyme activity.
13. Plant hormones : discovery, structure mode of action and role of auxins,
14. Discovery, structure mode of action and role of gibberellins,
15. Discovery, structure mode of action and role of cytokinin,
16. Discovery, structure mode of action and role of abscissic acid
17. Discovery, structure mode of action and role of ethylene.


HOD,
Department of Botany
Career College, Bhopal

CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY
2022-23

B.Sc. -III Year

CCE-2 Assignment Topics

[Any Five]

Paper -II: Cell Biology genetics and Biotechnology

1. Structure of gene,
2. Genetic code,
3. Transfer of genetic information: transcription, translation
4. Protein synthesis
5. tRNA and Ribosomes.
6. Regulation of gene expression in prokaryotes and eukaryotes
7. Basic aspects of plant tissue culture
8. Cellular totipotency differentiation and morphogenesis
9. Important achievements of biotechnology in agriculture
10. Genetic engineering: tools and techniques of recombinant DNA technology
11. Cloning vectors
12. Biology of Agrobacterium
13. Vectors for gene delivery and marker genes
14. Genomic and cDNA library
15. Gene mapping and chromosome walking.

J. N. S.
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Dept. of Botany
Career College Bhopal

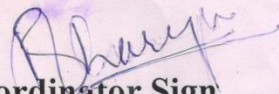
Coordinator Sign

**CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY
2022-23
CCE-2 ATTENDANCE SHEET**

B.SC. III YEAR.

Date:24/03/23

S.No.	Student Name	Paper I	Paper II
1	VISHWAM JAWADE	Vishw	Vishw
2	MANASH BACHAR	Manash	Manash
3	PRAFOOL AKHANDE	Prafool Khande	Prafool Khande
4	SHREYA TIWARI	Shreya	Shreya
5	AYAZ KHAN	Ayaz	Ayaz
6	KRITI PANDEY	Kriti	Kriti
7	MD MUDASSIR	Mudassir	Mudassir
8	SHUBHANSHU SHUKLA	Shubhan	Shubhan
9	AARTI PANTHI	Aarti	Aarti
10	AMIT SINGH KUSHWAHA	Amit	Amit
11	DIKSHA MISHRA	Dmishra	Dmishra
12	KHUSHI GAJBHIYE	Khushi	Khushi
13	PALAK SAHU	Palak	Palak
14	PINKI YADUWANSHI	Pink	Pink
15	PRACHI YADUWANSHI	Prachi	Prachi
16	PRIYA SONI	Priya	Priya
17	RAJ RAJAK	Raj	Raj
18	RASHMI PANDEY	Rashmi	Rashmi
19	RIYA PRASAD	Riya	Riya
20	SAKSHI SINGH	Sakshi Singh	Sakshi Singh
21	SURJEET SHILPI	Sur	Sur
22	VIKAS CHOUREY	Vikas	Vikas


Coordinator Sign.

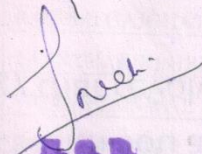
**CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY**

2022-23

B.Sc. -II Year

**CCE-2 Assignment Topics
Paper – Minor (Botany)**

1. Kattha' Industry.
2. Tea Industry.
3. Color Industry.
4. Jame, Jellies, Juice, Sauce and Pickles Industries.
5. Sugar and Jaggery Industries.


M.A.B.
Dept. of Botany
Career College Bhopal


CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY
2022-23
CCE-2 ATTENDANCE SHEET

B.SC. II YEAR

Date: 24/3/23

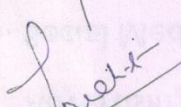
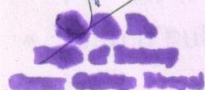
S.No.	Student Name	Minor Paper
1	AMAN SONI	Aman
2	ANUJ PRATAP BAGRI	Anuj
3	ARYAVRAT SINGH	Aryavrat
4	BHARAT RAWAL	Bharat
5	DARSHAN VISHWAKARMA	Darshan
6	DEEPAK PANDIT	Deepak
7	HEERA SHANKAR KOL	Heera
8	JYOTI VINCY MINJ	Jyoti
9	KSHAMA GUPTA	Kshama
10	KUNAL SIKARWAR	Kunal
11	MANAS	Manas
12	MONTI PAL	Monti
13	MUSKAN SHAKYA	Muskan
14	POOJA VISHWAKARMA	Pooja
15	PRAGENDRA BAGRI	Pragendra
16	PRITI SINGH	Priti
17	PRITY KUMARI LAMA	Prity
18	RAHUL PRAJAPATI	Rahul
19	RASHMI GAJGHATE	Rashmi
20	SAARTHAK KEHRI	Saarthak
21	SACHIN JAISWAL	Sachin
22	SATYAM SINGH	Satyam
23	SHEEBA KHAN	Sheeba
24	SHIVAM TIWARI	Shivam
25	SHUBHAM VISHWAKARMA	Shubham

26	SRISHTI PANDEY	Srishti
27	SURYA PRAKASH SHARMA	Surya
28	SUSHMITA ROY	Sushmita
29	TUSHAR BOBDE	Tushar
30	VARSHA TIWARI	Varsha
31	YAJUSHI MISHRA	Yajushi


Coordinator Sign.

CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY
2022-23
B.Sc.-I Year
CCE-2 Assignment Topics
Paper-Minor (Botany)

1. Types of Inflorescence.
2. Types of Life - Cycle in Algae.
3. Heterospory and Seed habit.
4. Lichens: Brief knowledge and their significance.
5. Mycoplasma.

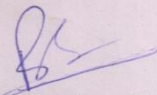
CAREER COLLEGE BHOPAL
DEPARTMENT OF BOTANY
2022-23
CCE-2 ATTENDANCE SHEET

B.SC. I YEAR

Date:25/03/23

S.No.	Student Name	Major II/ Minor
1	AKRUTI BALKI	Akruti
2	DEEPSHIKHA CHATTERJEE	Deepshikha
3	KUMARI NEHA	Neha
4	SUMIT PANDEY	Sumit
5	AADI JAIN	Aadi
6	TANISH DABI	Tanish
7	HARSHITA MALYA	Harshita Malya
8	PRIYANSHI TRIVEDI	
9	SHALINI RATHORE	Shalini
10	HANA KHAN	Mariyam
11	ROSHNI PAL	Roshni
12	MOHD ADNAN KHAN	
13	TAVISHI VYAS	Tavishi
14	AMAN RAJAK	
15	SARATHI SHARMA	Sarathi
16	SHEETAL SONKAR	Sheetal
17	SANIYA NASIR	Saniya
18	SANJANA SARATHE	Sanjana
19	MANYA SHROTI	Manya
20	KHUSHI SULEKHIYA	Khushi
21	SHREYA MALVIYA	Shreya
22	TRISHA TYAGI	T.C.
23	KHUSHI RAI	Khushi
24	KHUSHI SONI	Khushi

25	POOJA PRADHAN	Pooja.
26	ASHISH PETER	Ashish
27	KHUSHI ANAND	T.C.
28	NIKHIL GUPTA	T.C.
29	OJASVI BISEN	T.C.
30	SUMIT PATHEKAR	Sumit
31	V ABHISHEK	V. Abhishek
32	ADITI PATKAR	Aditi
33	ANURAG LODHI	Anurag
34	BUNTY MUKATI	B. Mukati
35	ANKIT PATEL	A. Patel
36	Vanshika Bathuli	Vanshika.
37	Akanksha Badal	Akanksha.


Coordinator Sign.

DEPARTMENT OF CHEMISTRY

Department of Chemistry, Career College, Bhopal Notice and Time Table CCE-2021-22

Date: 5/11/22

This is to inform that CCE of M.Sc. I, and III sem. Chemistry will be held on following dates. It is compulsory for all students to attend the examination. For any details students can contact their mentor.

Class	Date	Paper	Mode
M.Sc. III Sem.	09/11/22	Appl. of Spectroscopy	Assignment
	10/11/22	Photochemistry	PPT Presentation
	11/11/22	Env. Chemistry	Poster Presentation
	12/11/22	Polymer	PPT presentation
	14/11/22	Ind. Chemistry	PPT presentation
M.Sc. I Sem.	09/11/22	Inorganic Chemistry	MCQ
	10/11/22	Organic Chemistry	Assignment
	11/11/22	Physical Chemistry	MCQ
	12/11/22	Spectroscopy	Assignment
	14/11/22	Maths for Chemists	Assignment


Dr. Suparna Ghosh
Head, Department of Chemistry


Dr. Charanjit Kaur
Principal, Career College

Career College, Bhopal
Internal Assessment / CCE Examination 2022-23
Assignment Method
M.Sc. I Semester Chemistry
Paper Code: MCH 402
Paper Title: Organic Chemistry

Total Marks: 15

Note: All questions are compulsory. Do not write answer more than 250 words. Each question carries equal

marks.

Write short notes on the following

i. Crown Ethers

ii. Tautomerism

iii. Hyperconjugation bonding in fullerenes

iv. Classical and non-classical carbocation

v. Carbenes

Career College, Bhopal
Internal Assignment/CCE Examination-2022-23
Assignment Method
M.Sc. (Chemistry)
Paper Code: MCH-404 (Group Theory and Spectroscopy)

Total Marks: 15

Note: All questions are compulsory. Answer must not be more than 250 words. Each question carries equal marks.

Q. 1 Discuss Symmetry elements and symmetry operations.

Q. 2 Discuss the classical theory of Raman effect

Q. 3 Describe the basic principle of photoelectric effect.

Q. 4 Explain Charge transfer spectra

Career College, Bhopal
Internal Assessment / CCE Examination 2022-23
Assignment Method
M.Sc. I Semester Chemistry
Paper Code: MCH 405(b)
Paper Title: Biology for Chemist

Total Marks: 15

Note: All questions are compulsory. Do not write answer not more than 250 words. Each question carries equal marks.

Q.1 Write the comparison between plant cell & animal cell.

Q. 2 What are the Monosaccharides? Write structure and function of important derivatives of monosaccharides.

Q.3 Write a detailed note on Lipoproteins and their composition and functions.

Q.4. Write an essay on Secondary, tertiary and quaternary structure of proteins.

Q.5 Explain the Structure of DNA and RNA. Explain Purine and Pyrimidine bases of nucleic acids.

Career College, Bhopal
Internal Assignment/CCE Examination-2022-23

Assignment Method

M.Sc. I Sem (Chemistry)

Paper Code: MCH-405 a (Mathematics for Chemist)

Total Marks: 15

Note: All questions are compulsory. Answer must not be more than 250 words. Each question carries equal marks.

Q-1. If f and g is a scalar point functions, then Prove that $\text{grad}(f+g) = \text{grad } f + \text{grad } g$.

Q-2. Write Short notes on Matrix and Determinant.

Q-3. Find dy/dx , if $y = \sin 2t$



Department of Chemistry, Career College, Bhopal

M.Sc. I Sem., CCE Attendance Sheet 2022-23


Sl. No	Student's Name	Signature of Students				
		Date and Paper				
		I 09/10/22	II 10/10/22	III 11/10/22	IV 12/01/22	V 14/10/22
1	Abhijeet Mishra					
2	Anju Sharma					
3	Priyadarshini Biswal					
4	Raju Pal					
5	Ria Dube					
6	Sheetal Dongre					
7	Snigdha Rajput Rajal					
8	Soumya B.					
9	Suresh Garwal					
10	Vikas Lokhande					
11	Vinod ahirwar					

DEPARTMENT OF CHEMISTRY, CAREER COLLEGE, BHOPAL

M. Sc III Sem.- CCE- 2022, Paper II, Photo- Chemistry

Allotment of topics for Power point Presentation

Sl. No.	Name of Student	Topics allotted for Power point Presentation
1.	Aakash Kumar Thakur	Classification of photochemical reactions
2.	Aanand Narware	Quantum Yield
3.	Aishwarya Jha	Photo dissociation reaction
4.	Deepak	Gas phase photolysis
5.	Ekta Shrivastava	Geometrical isomerization of olefinic bond
6.	Hemant	Photochemistry of aromatic compounds- isomerization
7.	Krishna Kumar Dubey	Photochemistry of aromatic compounds- addition
8.	Megha Khare	Photochemistry of aromatic compounds- substitution
9.	Mehrunisha	Photo-Fries rearrangement
10.	Ratnesh Tiwari	Barton reaction
11.	Rekha Pandey	Singlet molecular oxygen
12.	Sakshi Vishwakarma	Photochemical formation of smog
13.	Sanjeev Varma	Photo degradation of polymers
14.	Satyam Dhakad	Photochemistry of vision
15.	Shivani Namdev	Actinometry


Dr. Suparna Ghosh

HOD Chemistry

DEPARTMENT OF CHEMISTRY, CAREER COLLEGE, BHOPAL

M. Sc III Sem.- CCE- 2022, Paper III, Environmental Chemistry

Allotment of topics for Poster ~~point~~ Presentation

Sl. No.	Name of Student	Topics allotted for Poster
1.	Aakash Kumar Thakur	Atmospheric Layers
2.	Aanand Narware	Carbon cycle
3.	Aishwarya Jha	Nitrogen Cycle
4.	Deepak	Sulphur Cycle
5.	Ekta Shrivastava	Sources of trace atmospheric
6.	Hemant	Photochemical Smog
7.	Krishna Kumar Dubey	Classification of air pollutants
8.	Megha Khare	Acid Rain
9.	Mehrunisha	Stratospheric Ozone depletion
10.	Ratnesh Tiwari	Green House Effect
11.	Rekha Pandey	Urban Air Pollution
12.	Sakshi Vishwakarma	Do
13.	Sanjeev Varma	BOD
14.	Satyam Dhakad	COD
15.	Shivani Namdev	Sources of Water Pollution



Dr. Suparna Ghosh

HOD Chemistry

DEPARTMENT OF CHEMISTRY, CAREER COLLEGE, BHOPAL

M. Sc III Sem.- CCE- 2022, Paper IV, Industrial Chemistry

Allotment of topics for Power point Presentation

Sl. No.	Name of Student	Topics allotted for Power point Presentation
1.	Aakash Kumar Thakur	Thermal Pollution
2.	Aanand Narware	Industrial Waste
3.	Aishwarya Jha	BOD
4.	Deepak	Hard Water and its impacts on industry
5.	Ekta Shrivastava	Softening of hard water
6.	Hemant	Carbonization
7.	Krishna Kumar Dubey	Coal Vs Coke
8.	Megha Khare	Chlorination and Fluorination
9.	Mehrunisha	Environmental Degradation & Pesticides
10.	Ratnesh Tiwari	Ion Exchange Process
11.	Rekha Pandey	Chemical Pollution
12.	Sakshi Vishwakarma	. Reverse Osmosis
13.	Sanjeev Varma	Water Pollutants: Type and Treatment
14.	Satyam Dhakad	Petroleum Refining
15.	Shivani Namdev	Cracking


Dr. Suparna Ghosh

HOD Chemistry

DEPARTMENT OF CHEMISTRY, CAREER COLLEGE, BHOPAL

M. Sc III Sem.- CCE- 2022, Paper V, Polymer Chemistry

Allotment of topics for Power point Presentation

Sl. No.	Name of Student	Topics allotted for Power point Presentation
1.	Aakash Kumar Thakur	Anionic Polymerisation
2.	Aanand Narware	Ring Opening Polymerisation
3.	Aishwarya Jha	Coordination Polymerisation
4.	Deepak	Polycondensation
5.	Ekta Shrivastava	Polyaddition Polymerisation
6.	Hemant	Measurement of molecular weight- Osmotic pressure method
7.	Krishna Kumar Dubey	Measurement of molecular weight- Ultracentrifugation method
8.	Megha Khare	Copolymers
9.	Mehrunisha	Co-Polycondensation
10.	Ratnesh Tiwari	Free radical Copolymerisation
11.	Rekha Pandey	Measurement of molecular weight- light scattering method
12.	Sakshi Vishwakarma	Polymerisation in Heterogenous system
13.	Sanjeev Varma	Measurement of molecular weight- End group viscosity method
14.	Satyam Dhakad	Polymerisation conditions and polymer reactions
15.	Shivani Namdev	Polymerisation in Homogenous system


Dr. Suparna Ghosh

HOD Chemistry

Career College, Bhopal
Internal Assessment / CCE Examination 2022-
23

Assignment Method
M.Sc. III Semester Chemistry
Paper Code: MCH 501
Paper Title: Application Spectroscopy I

Total Marks: 15

Note: All questions are compulsory. Do not write answer more than 250 words. Each question carries equal marks.

1. How are the chemical shift values measured in NMR spectroscopy?
2. What do you understand by proton exchange reactions in NMR spectroscopy?
3. Explain shielding and de-shielding with example.
4. What do you understand by spin-spin coupling? Explain



Department of Chemistry, Career College, Bhopal

M.Sc. III Sem., CCE Attendance Sheet 2022-23

S. No	Student's Name	Signature of Students				
		Date and Paper				
		I 09/10/22	II 10/10/22	III 11/10/22	IV 12/10/22	V 14/10/22
1	Aakash Kumar Thakur	Aakash	Aakash	Aakash	Aakash	Aakash
2	Aanand Narware	Aanand	Aanand	Aanand	Aanand	Aanand
3	Aishwarya Jha	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya
4	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak
5	Ekta Shrivastava	Ekta	Ekta	Ekta	Ekta	Ekta
6	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant
7	Krishna Kumar Dubey	Krishna	Krishna	Krishna	Krishna	Krishna
8	Megha Khare	Megha	Megha	Megha	Megha	Megha
9	Mehrunisha	Mehrunisha	Mehrunisha	Mehrunisha	Mehrunisha	Mehrunisha
10	Ratnesh Tiwari	Ratnesh	Ratnesh	Ratnesh	Ratnesh	Ratnesh
11	Rekha Pandey	Rekha	Rekha	Rekha	Rekha	Rekha
12	Sakshi Vishwakarma	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi
13	Sanjeev Varma	Sanjeev	Sanjeev	Sanjeev	Sanjeev	Sanjeev
14	Satyam Dhakad	Satyam	Satyam	Satyam	Satyam	Satyam
15	Shivani Namdev	Shivani	Shivani	Shivani	Shivani	Shivani

(Handwritten signature)

Department of Chemistry

Career College, Bhopal

M.Sc.II &IV Sem CCE-2022-23

Notice

Date: 18/05/23

This is to inform that CCE of M.Sc.II and IV Sem Chemistry will take place on the following dates. Attendance is compulsory

Class	Date	Paper	Mode
M.Sc. IV Sem Chemistry	23/05/23	Application of Spectroscopy	Written Test
	24/05/23	Solid state Chemistry	Written Test
	25/05/23	Biochemistry	Poster
	26/05/23	Medicinal Chemistry	Written Test
	22/05/23	Industrial Chemistry/ Analytical Chemistry	Ppt presentation
M.Sc. II Sem Chemistry	23/05/23	Inorganic Chemistry	Written Test
	24/05/23	Organic Chemistry	Written Test
	25/05/23	Physical Chemistry	Written Test
	26/05/23	Spectroscopy & Diffraction	Written Test
	29/05/23	Computer for Chemists	Written Test

Note: Timing for Exam: 12 noon-2 pm



Dean, Life Science

Department of Chemistry
Career College, Bhopal
M.Sc II Sem CCE 2022-23
Paper-I Inorganic Chemistry

MM:15

Time: 2 Hrs

Note: Attempt any five. Each questions carry equal marks

- 1) Explain Orgel and Tanabe-Sugano diagram for transition metal complexes.
- 2) Explain Charge transfer spectra.
- 3) Write notes on quenching of orbital contribution.
- 4) Describe spin crossover.
- 5) Explain vibrational spectra of metal carbonyls.
- 6) Explain the structure and important reactions of transition metal nitrosyls.
- 7) Write notes on boranes and metallo-boranes.
- 8) Write notes on ca boranes and metallo-carboranes.
- 9) Write notes on cotton effect and Faraday effect.
- 10) Write brief notes on ORD and CD.

Department of Chemistry

Career College, Bhopal

M Sc II Sem CCE 2022-23

Paper-II Organic Chemistry

MM:15

Time: 2 Hrs

Note: Attempt any five. Each questions carry equal marks

- 1) Explain Arenium ion mechanism.
- 2) Write short notes on any two- a) Diazonium coupling b) Vilsmeier reaction c) Koch reaction
- 3) Describe SN1 and benzyne mechanism.
- 4) Write short notes on any two- a) Von Riche b) Sommelet-Hauser c) Smiles rearrangement
- 5) What do you mean by free radical substitution mechanism? Explain with examples.
- 6) Write notes on Allylic halogenations or autooxidation.
- 7) Write notes on Sandmeyer reaction and Hunsdiecker reaction.
- 8) Write notes on addition to cyclopropane ring or Sharpless asymmetric epoxidation.
- 9) Write short notes on hydroboration and Michael reaction.
- 10) Discuss the mechanism of metal hydride reaction of saturated and unsaturated carbonyl compounds.
- 11) Write notes on Grignard reagent or organozinc compounds
- 12) Discuss the mechanism of any two reactions- a) Aldol b) Benzoin c) Wittig d) Claisen e) Perkin
- 13) Discuss E2, E1 and E1cB mechanism.
- 14) Describe the mechanism and orientation in pyrolytic elimination.
- 15) Describe Frontier orbitals of ethylene and 1,3-butadiene
- 16) Describe conrotatory and disrotatory motions in electrocyclic reactions with example.
- 17) Discuss cycloaddition reactions in detail.
- 18) Discuss suprafacial and antarafacial shifts in Sigmatropic rearrangements.
- 19) Write notes on Claisen Cope and Aza- Cope rearrangements.
- 20) Write notes on Fluxional tautomerism and Ene reaction.

Department of Chemistry

Career College, Bhopal

M.Sc II Sem CCE 2022-23

Paper III Physical Chemistry

MM:15

Time: 2 Hrs.

Note: Attempt any five. Each questions carry equal marks

- 1) Write notes on Collision theory and activated complex theory
- 2) Discuss the kinetic and thermodynamic control of reactions.
- 3) Discuss the kinetics of enzyme reaction and explain homogenous catalysis.
- 4) Write notes on Laplace equation or Kelvin equation.
- 5) Explain BET equation and its application.
- 6) Define surface active reagents and give their classification also. Explain the mechanism of micelles.
- 7) Write notes on a) Micro emulsion b) reverse micelles
- 8) Define polymers and their classifications with example. Discuss the kinetics and mechanism of polymerization.
- 9) Write notes on a) mass average molecular mass b) diffusion and light scattering method
- 10) Discuss the Thermodynamic criteria essential for non-equilibrium states.
- 11) Write note on Onsager's reciprocity relations.
- 12) Describe Debye-Huckel- Onsager treatment.
- 13) Discuss the thermodynamics of electrified interface equation.
- 14) Derive Butler Volmer equation.
- 15) Describe the effect of light at semiconductor solution interface.

Department of Chemistry

Career College, Bhopal

M.Sc II Sem CCE 2022-23

Paper-IV Spectroscopy II and Diffraction Methods

MM:15

Time: 2 Hrs

Note: Attempt any five. Each questions carry equal marks

- 1) Define Chemical shift and discuss the factors affecting chemical shift.
- 2) Write notes on- a) shielding and deshielding b) Coupling constant
- 3) Write notes on Spin decoupling.
- 4) What is FT NMR? Give its advantages.
- 5) Explain the principle, instrumentation and application of NQR spectroscopy.
- 6) Explain Quadrupole moment and electric field gradient in NQR.
- 7) Discuss the basic principle and applications of Raman Spectroscopy.
- 8) Write notes on- a) spin Hamiltonian b) Zero field splitting
- 9) Explain Bragg method for X ray structural analysis of crystals. Discuss Miller Indices also.
- 10) Write notes on Debye Scherrer method.
- 11) Write notes on Wierl equation.
- 12) Discuss the principle of neutron diffraction. Explain the measurement techniques used for the scattering of neutrons.

Department of Chemistry, Career College, Bhopal

M.Sc. II Sem., CCE Attendance Sheet 2023

Sl. No	Student's Name	Signature of Students				
		Date and Paper				
		I 23/05/23	II 24/05/23	III 25/05/23	IV 26/05/23	V 29/05/23
1	Abhijeet Mishra					
2	Arju Sharma					
3	Priyadarshini Biswal					
4	Ria Dube					
5	Snigdha Rajput					
6	Soumya B.					

Department of Chemistry

Career College, Bhopal

M.Sc IV Sem CCE 2022-23

Paper-I Application of Spectroscopy-II

MM:15

Time: 2 Hrs

Note: Attempt any five. Each questions carry equal marks.

- 1) Explain Beer-Lambert law.
- 2) Write short notes on Steric effects in biphenyls.
- 3) Describe the effect of hydrogen bonding and solvent effect on vibrational frequencies.
- 4) Write notes on contact and Pseudo contact shift.
- 5) Describe the factors affecting nuclear relaxation process.
- 6) Explain 2D-NMR.
- 7) Explain chemical shift in C-13 NMR spectroscopy.
- 8) Write short notes on any two- a) COSY b)NOESY c) DEPT
- 9) Explain molecular ion peak and meta stable peak or write notes on a) CIFD b) FAB
- 10) Write notes on Mc Lafferty rearrangement or nitrogen rule.

Department of Chemistry

Career College, Bhopal

M.Sc. IV Sem. CCE 2022-23

Paper-II Solid State Chemistry

MM:15

Time: 2 Hrs.

Note: Attempt any five. Each question carries equal marks.

1. Discuss the principle and kinetics of solid state reactions.
2. Explain perfect and imperfect crystals. ✓
3. Discuss the thermodynamic of Schottky and Frenkel defects. ✓
4. Write notes on point defects, line defects and plane defects.
5. Write notes on Solid band theory.
6. Write the differences between insulator and semiconductors and discuss their applications also.
7. Discuss the mechanism of ferro and antiferromagnetic ordering super exchange. ✓
8. Write notes on intrinsic, extrinsic and doping semiconductors.
9. Write notes on organic charge transfer complex and superconductors. ✓
10. Define liquid crystals and discuss their types with suitable examples and discuss their applications.
11. Write notes on any two- a) Nematic b) Smectic c) Ferroelectric d) Antiferroelectric

Department of Chemistry, Career College, Bhopal

M.Sc. IV Sem., CCE Attendance Sheet 2023

S. No	Student's Name	Signature of Students				
		Date and Paper				
		I 22/05/23	II 23/05/23	III 24/05/23	IV 25/05/23	V 26/05/23
1	Aakash Kumar Thakur					
2	Anand Narware					
3	Aishwarya Jha					
4	Deepak					
5	Ekta Shrivastava					
6	Hemant					
7	Krishna Kumar Dubey					
8	Megha Khare					
9	Mehrunisha					
10	Ratnesh Tiwari					
11	Rekha Pandey					
12	Sakshi Vishwakarma					
13	Sanjeev Varma					
14	Satyam Dhakad					
15	Shivani Namdev					

B.Sc. I Year (NEP) CCE-II Examination, 2023

Major-I

Chemistry

Fundamentals of Chemistry

Maximum Marks: 20

Note: Attempt all questions. Each carry 5 Marks

Q.No.1. Write short note on

a. Quantum number

b. Pauli's Exclusion Principle

Q.No.2. Explain Heisenberg's Uncertainty principle and its significance

Q.No.3. Describe hyperconjugation with example

Q.No.4. What is difference between homolytic and heterolytic cleavage

Q.No.5. Explain the following

i. Nucleophile

ii. Inductive effect

Department of Chemistry
Career College, Bhopal
B.Sc I Year (Major) CCE- 2022-23
Fundamentals of Chemistry

Assignment

M.M:25

Q.1) Describe the chemical techniques used in ancient India in detail. 10

Q.2) Describe the contribution of ancient Indian scientists to chemistry. 10

Q.3) Write short notes on-

a) Aufbau Principal

b) Hund's rule

2.5x2

Department of Chemistry

Career College, Bhopal

B.Sc I Year (Major II/Minor/Elective) CCE- 2022-23

Analytical Chemistry

Assignment

M.M:25

Q.1) Draw the following straight lines and determine the values of their slope and intercept. 2.5x2

a) $2x + 3y = 5$ b) $x = y$

Q.2) Calculate the molality and molarity of 80% H_2SO_4 (weight/volume). The density of the solution is 1.84 gL^{-1} 5

Q.3) The molecular mass of benzene is 784, if it contains C=95.31%, H=7.69%, then find the molecular mass of benzene. 5

Q.4) How can we separate the first and second group ions by paper chromatography? 5

Q.5) Discuss the different electronic transitions in UV spectroscopy. 5

DEPARTMENT OF CHEMISTRY, CAREER COLLEGE, BHOPAL

B. Sc II Year- CCE

Allotment of topics for Poster Presentation

Sl No.	Name of Student	Allotted Topic
1.	Kshama Gupta	Ancient Chemical technologies
2.	Aryan Sen	VBT
3.	Khushi Setpalani	Ancient Indian Chemists and their works
4.	Madhur Shrivastava	CFT octahedral
5.	Roshni Daryani	MOT
6.	Sakshi Chouhan	Spectrochemical series
7.	Shraddha V. Pillai	Phase diagram water-sulphur
8.	Vaishnavi Sharma	LFT
9.	Anjali Shukla	Coordination no. and geometry
10.	Arti Sikha	Types of ligands
11.	Deepak Pandit	CFT square planar complexes
12.	Deepali Narveriya	Optical isomerism
13.	Jai Singh Shakya	Geometrical isomerism
14.	Kirti Thawre	First law of thermodynamics
15.	Rahul Prajapati	Joule Thomson effect
16.	Shubham Vishwakarma	CFT tetrahedral complexes
17.	Surya Prakash Sharma	Carnot cycle
18.	Tanya Awasthi	Phase diagram NaCl-H ₂ O
19.	Unnati Simon	Gibbs free energy
20.	Vignesh Shrivastava	Gibb's Helmholtz eqn.
21.	Alfiya Raqeeb	Structural isomerism
22.	Alexia Varghese	Nernst heat theorem
23.	Sachin Jaiswal	Degree of freedom
24.	Darshan Vishwakarma	Gibbs phase rule
25.	Priti Singh	Clausius Clapeyron equation
26.	Saarthak Kehri	Phase diagram silver-lead
27.	Aryavrat Singh	Phase diagram Mg-Zn
28.	Monti Pal	Residual entropy
29.	Heera Shankar Kol	Inversion temperature


Dr. Suparna Ghosh
Head Department of Chemistry

Department of Chemistry, Career College, Bhopal

B.Sc. I Year CCE Attendance Sheet 2022-23



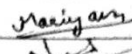





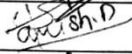


Date: 9/11/22 Sub: Chemistry (Minor/Elective)

Sl. No	Student's Name	Signature of Students
1	Aadi Jain	Aadi
2	Ashish Peter	Ashish
3	Astha dubey	Astha
4	Ayushi Dudey	Ayushi
5	Deepshikha Chatterjee	Deepshikha
6	Divya ahirwar	Divya
7	Harsh Pardeshi	Harsh Pardeshi
8	Harshita Malya	Harshita
9	Jayesh Suryavanshi	Jayesh
10	Khushi Bhadange	Khushi
11	Khushi Sulekhia	
12	Kratika Shrivastava	Kratika
13	Krishna Ahirwar	Krishna
14	Kumari Neha	Kumari
15	Muskan Pal	Muskan
16	Neha Dubey ✓	Neha
17	Prajakta Rujare Bhugade	Prajakta
18	Rajeshwari Verma	Rajeshwari
19	Rakshi Singh	Rakshi
20	Shailendra Singh Dahima	Shailendra

Shailendra



21	Shalini Rathore	Shalini
22	Shashank Rai	Shashank
23	Shikha Gour	Gour
24	Shivani Ahirwar	Shivani
25	Shreya Malviya	Shreya
26	Sneha patel	Sneha
27	Sumit Pandey	Sumit
28	Suryadev Panda	Suryadev
29	Suwendu Majumdar	Suwendu
30	T. Harshita	Harshita
31	Unnati Bhatt	Unnati
ELECTIVE		
32	Aditi Patkar	Aditi
33	Akruti Balki	Akruti
34	Aman Rajak	Aman
35	Anjali Patkar	Anjali
36	Anjali William	Anjali
37	Ankit Patel	Ankit
38	Anurag Lodhi	Anurag
39	Bhavika	Bhavika
40	Harshita Malviya	
41	Himesh Pabaiya	Himesh
42	Khushi Anand	Khushi
43	Khushi Rai	Khushi
44	Khushi Soni	Khushi

Chhot

45	Khushi Sulekhiya	
46	Manya Shroti	
47	Mariyam Khan	
48	Nikunj Soni	
49	Pooja Pradhan	
50	Roshni Pal	Roshni Pal
51	Saniya Nazir <i>Nasir</i>	
52	Sanjana Sarathe	
53	Suboohi Ahmed	
54	Tanish Dabi	
55	Trisha Tyagi	
56	Vanshika Satpute	Vanshika
57	Vishakha	

(58) Banti Mukati

(59) NISHA SINGH


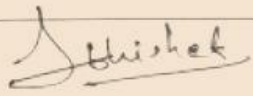


Department of Chemistry, Career College, Bhopal

B. Sc. I Year CCE Attendance Sheet 2022-23

Date: 24/03/23

Sub: Chemistry (Major)

S. No	Student's Name	Signature of Students
1	Mahzish Ahmed	
2	Nikhil Gupta	— Absent —
3	Nishant Sachan	nishants
4	Sumit Pathankar	sumit
5	Tina sevedia	— Absent —
6	V.Abhishek	



Department of Chemistry, Career College, Bhopal
B. Sc. I Year CCE-II Attendance Sheet 2022-23

Date: 21/03/23

Sub: Chemistry (Minor/Elective)

Sl. No	Student's Name	Signature of Students
1	Aadi Jain	<i>Aadi</i>
2	Ashish Peter	<i>Ashish</i>
3	Astha Dubey	- Absent -
4	Ayushi Dudev	<i>Ayushi</i>
5	Deepshikha Chatterjee	<i>Deepshikha</i>
6	Divya ahirwar	- Absent -
7	Harshita Malya	<i>Harshita</i>
8	Harsh Pardeshi	<i>HPardeshi</i>
9	Jayesh Suryavanshi	- Absent -
10	Khushi Bhadange	<i>Khushi</i>
11	Kratika Shrivastava	<i>Kratika</i>
12	Krishna Ahirwar	- Absent -
13	Kumari Neha	<i>Neha</i>
14	Muskan Pal	- Absent -
15	Neha Dubey	- Absent -
16	Prajakta Pujare	<i>Prajakta</i>
17	Rajeshwari Verma	<i>Rajeshwari</i>
18	Rakhi Singh	<i>Rakhi</i>
19	Shailendra Singh Dahima	- Absent -
20	Shalini Rathore	- Absent -
21	Shashank Rai	- Absent -

22	Shikha Gour	<i>Shikha</i>
23	Shivani Ahirwar	- Absent -
24	Shreya Malviya	<i>Shreya</i>
25	Sneha Patel	- Absent -
26	Sumit Pandey	- Absent -
27	Suryadev Panda	<i>Suryadev</i>
28	Suwendu Majumdar	<i>Suwendu</i>
29	T. Harshita	<i>Harshita</i>
30	Unnati Bhatt	<i>Unnati</i>
ELECTIVE		
31	Aditi Patkar	<i>Aditi</i>
32	Akruti Balki	<i>Akruti</i>
33	Aman Rajak	<i>Aman</i>
34	Anjali Patkar	- Absent -
35	Anjali William	<i>Anjali</i>
36	Ankit Patel	<i>Ankit</i>
37	Anurag Lodhi	<i>Anurag</i>
38	Banti Mukati	<i>Banti</i>
39	Bhavika	<i>Bhavika</i>
40	Himesh Pabaiya	- Absent -
41	Khushi Anand	- Absent -
42	Khushi Rai	<i>Khushi</i>
43	Khushi Soni	<i>Khushi</i>
44	Khushi Sulekhiya	- Absent -
45	Manya Shroti	<i>Manya</i>
46	Mariyam Khan	<i>Mariyam</i>
47	Nikunj Soni	- Absent -
48	Pooja Pradhan	<i>Pooja</i>
49	Roshni Pal	<i>Roshni</i>

50	Saniya Nazir	<u>Saniya</u>
51	Sanjana Sarathe	- Absent -
52	Suboohi Ahmed	- Absent -
53	Tanish Dabi	- Absent -
54	Trisha Tyagi	- Absent -
55	Vanshika Satpure	Vanshika
56	Vishakha Kushwah	<u>Vishakha</u>

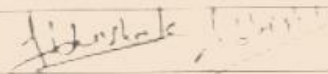
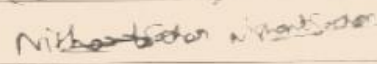
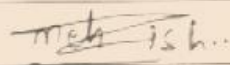

Shashi

Department of Chemistry, Career College, Bhopal



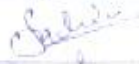





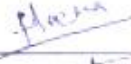


B.Sc. I Year CCE Attendance Sheet 2022-23

Date: 7/11/22

Sub: Chemistry (Major)

S. No	Student's Name	Signature of Students
1	V.Abhishek	
2	Nishant Sachan	
3	Mahzish Ahmed	
4	Nikhil Gupta	_____
5	Sumit Pathankar	
6	Tina sevedia	_____



21	Alfiya Raqeeb	
22	Alexia Varghese	
23	Sachin Jaiswal	
24	Darshan Vishwakarma	
25	Priti Singh	
26	Saarthak Kehri	
27	Aryavrat Singh	
28	Momni Pat	
28	Heera Shankar Kol	
29	Rashmi Gajghate	
28	Varsha Tiwari	


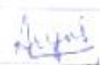







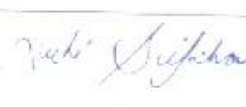


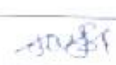



Department of Chemistry, Career College, Bhopal

B.Sc. II Year CCE-II Attendance Sheet 2022-23

Date: 21/03/23

Sub: Chemistry (Major/Minor/Elective)

S. No	Student's Name	Topic	Signature of Students
1	Kshama Gupta	Water Pollution and their sources	
2	Aryan Sen	Availability of fresh water on earth	
3	Khushi Setpalani		
4	Madhur Shrivastava		
5	Roshni Daryani	Water pollution due to pesticides and fertilizer	
6	Sakshi Chouhan		
7	Shraddha V. Pillai	Water pollution due to effluent water	
8	Vaishnavi Sharma		
9	Anjali Shukla	Water pollution due to solid waste	
10	Arti Sikha		
11	Deepak Pandit	Water pollution due to plastic waste	
12	Deepali Narveriya		
13	Jai Singh Shakya	Water pollution due to municipal waste	
14	Kirti Thawre		

15	Rahul Prajapati	Water pollution due to e-waste	<u>RTI</u>
16	Shubham Vishwakarma		
17	Surya Prakash Sharma	Water pollution due to hospital waste	<u>Sharma</u>
18	Tanya Awasthi		
19	Unnati Simon	Water pollution due to heavy metals	- Absent -
20	Vignesh Shrivastava		
21	Alfiya Raqeeb	Analytical Techniques to detect water pollution	<u>Alfiya</u>
22	Alexia Varghese		
23	Sachin Jaiswal	Water pollution status of Madhya Pradesh	- Absent -
24	Darshan Vishwakarma		
25	Priti Singh	Water pollution status of Madhya Pradesh	- Absent -
26	Saarthak Kehri		
27	Aryavrat Singh	Effect of water pollution on human health	- Absent -
28	Monti Pal		
29	Heera Shankar Kol		

Sharma


DEPARTMENT OF CHEMISTRY, CAREER COLLEGE, BHOPAL

B. Sc III Year- CCE- 2022

Allotment of topics for Power point Presentation

Sl. No.	Name of Student	Topics For PPT
1.	Manash Bachar	Electromagnetic radiation
2.	Shreya Tiwari	Rigid rotator
3.	Jyoti Sahu	Isotope Effect
4.	Khushi Saini	Franck-Condon Principle
5.	Shivani Gupta	Pure Rotational Spectra of Diatomic molecule
6.	Soumya Yadav	Application of Raman Spectroscopy
7.	Preeti Sahani	Electronic transitions in UV
8.	Sourabh Vishwakarma	Laws of Photochemistry
9.	Ifra Khan	Quantum yield
10.	Aditya Mohan	Norrish type I reaction
11.	Deepika Dahima	Norrish type II reaction
12.	Neha Singh	Optical activity
13.	Prtianshi Noel	Polarization
14.	Rabia Khan	Dipole moment
15.	Sejal Barmaiya	Magnetic Properties
16.	Vaishnavi Sharma	Hardness and softness
17.	Prafool Akhande	Symbiosis
18.	Sneha Chouhan	VBT
19.	Divyanshi Makode	CFT- Square Planner
20.	Diya Naskar	CFT- Tetrahedral
21.	Mahi Verma	CFT- Octahedral
22.	Vishwam Jawade	Factors affecting CFT
23.	Kriti Pandey	Applications of CFT
24.	Shubhanshu Shukla	Limitations of CFT
25.	Ayaz Khan	Factors affecting thermodynamic stability of complexes
26.	Mudassir	Types of magnetic behaviour
27.	Aarzo Tiwari	Magnetic moment
28.	Namrata Verma	L-S coupling
29.	Sarthak Shrivastava	Ground state term symbol
30.	Vikesh Chandravanshi	Essential and trace elements in biological process
31.	Mihir Raghuwanshi	Biological function of metals
32.	Sajal Shrivastava	Nitrogen fixation
33.	Aarti Panthi	Organo magnesium compound

34.	Amit Singh Kushwaha	Organo zinc compound
35.	Pinki Yaduwanshi	Organo lithium compounds
36.	Prachi Yaduwanshi	Thioalcohols
37.	Priya Yaduwanshi	Thioethers
38.	Raj Rajak	Sulphonamides
39.	Riya Prasad	Monosaccharides
40.	Sakshi Singh	Osazone formation
41.	Palak Sahu	Glycosidic linkage
42.	Diksha Mishra	Mutarotation
43.	Surjeet Shilpi	Edible and industrial oil
44.	Vikas Chourey	Properties of oil/fats
45.	Priya Soni	Hydrogenation
46.	Khushi Gajbhiye	Saponification value
47.	Nandlal Patel	Iodine value
48.	Kartik Vedantwar	Soaps
49.	Ravindra Kumar	Synthetic detergents
50.	Abhijeet Raghuwanshi	Isoelectric point
51.	Tanushree Hardas	Zwitter ion
52.	Priyanshu Kumar Rai	Denaturation of Proteins
53.	Priyanshu Chourasiya	Double helix structure of DNA


 Dr. Suparna Ghosh
 Head Department of Chemistry

Department of Chemistry
 Central College, Kharagpur

Department of Chemistry, Career College, Bhopal
B. Sc. III Year CCE-II Attendance Sheet 2022-23

Date: 21/03/23

Sub: Chemistry

Sl. No.	Name of Student	Signature of Student
1	Manash Bachar	
2	Shreya Tiwari	
3	Jyoti Sahu	- Absent -
4	Khushi Saini	- Absent -
5	Shivani Gupta	
6	Soumya Yadav	
7	Preeti Sahani	✓ Panthi
8	Sourabh Vishwakarma	- Absent -
9	Ifra Khan	- Absent -
10	Aditya Mohan	
11	Deepika Dahima	
12	Neha Singh	
13	Prtianshi Noel	
14	Rabia Khan	
15	Sejal Barmaiya	
16	Vaishnavi Sharma	
17	Prafool Akhande	Prafool
18	Sneha Chouhan	- Absent -
19	Divyanshi Makode	Divyanshi
20	Diya Naskar	Diya
21	Mahi Verma	- Absent -
22	Vishwam Jawade	
23	Kriti Pandey	
24	Shubhanshu Shukla	
25	Ayaz Khan	Ayaz Khan
26	Mudassir	Mudassir
27	Aarzo Tiwari	✓ Aarzo
28	Namrata Verma	- Absent -
29	Sarthak Shrivastava	✓ Sarthak
30	Vikesh Chandravanshi	- Absent -
31	Mihir Raghuwanshi	✓ Mihir
32	Sajal Shrivastava	✓ Sajal
33	Aarti Panthi	
34	Amit Singh Kushwaha	

35	Pinki Yaduwanshi	Pinki
36	Prachi Yaduwanshi	Prachi
37	Priya Yaduwanshi	- Absent -
38	Raj Rajak	Raj
39	Riya Prasad	Riya Prasad
40	Sakshi Singh	Sakshi Singh
41	Palak Sahu	Palak
42	Diksha Mishra	Diksha Mishra
43	Surjeet Shilpi	- Absent -
44	Vikas Chourey	Vikas
45	Priya Soni	- Absent -
46	Khushi Gajbhiye	- Absent -
47	Nandlal Patel	Nandlal
48	Kartik Vedantwar	Kartik
49	Ravindra Kumar	- Absent -
50	Abhijeet Raghuwanshi	- Absent -
51	Tanushree Hardas	Tanushree
52	Priyanshu Kumar Rai	Priyanshu
53	Priyanshu Chourasiya	- Absent -

Sheet.

Department of Chemistry, Career College, Bhopal

B. Sc. III Year CCE Attendance Sheet 2022-23

Date: 16/11/22

Sub: Chemistry

Sl. No.	Name of Student	Signature of Student
1	Manash Bachar	
2	Shreya Tiwari	
3	Jyoti Sahu	Absent
4	Khushi Saini	
5	Shivani Gupta	shivani
6	Soumya Yadav	
7	Preeti Sahani	
8	Sourabh Vishwakarma	Sourabh
9	Ifra Khan	Absent
10	Aditya Mohan	Aditya
11	Deepika Dahima	Deepika
12	Neha Singh	Neha
13	Prtyanshi Noel	Prtyanshi
14	Rabia Khan	
15	Sejal Barmaiya	
16	Vaishnavi Sharma	Vaishnavi
17	Prafool Akhande	Prafool
18	Sneha Chouhan	Sneha
19	Divyanshi Makode	Divyanshi
20	Diya Naskar	Diya
21	Mahi Verma	Mahi
22	Vishwam Jawade	Vishwam
23	Kriti Pandey	Kriti
24	Shubhanshu Shukla	Shubhanshu
25	Ayaz Khan	Absent
26	Mudassir	Absent
27	Aarzo Tiwari	Aarzo
28	Namrata Verma	Namrata
29	Sarthak Shrivastava	Sarthak
30	Vikesh Chandravanshi	Vikesh
31	Mihir Raghuwanshi	Mihir

32	Sajal Shrivastava	Sajal
33	Aarti Panthi	Aarti Panthi
34	Amit Singh Kushwaha	Absent
35	Pinki Yaduwanshi	Pinki
36	Prachi Yaduwanshi	Prachi
37	Priya Yaduwanshi	Priya
38	Raj Rajak	Raj
39	Riya Prasad	Riya
40	Sakshi Singh	Sakshi Singh
41	Palak Sahu	Palak
42	Diksha Mishra	Diksha Mishra
43	Surjeet Shilpi	Absent
44	Vikas Chourey	Vikas
45	Priya Soni	Absent
46	Khushi Gajbhiye	Khushi Gajbhiye
47	Nandlal Patel	Nandlal Patel
48	Kartik Vedantwar	Kartik Vedantwar
49	Ravindra Kumar	Ravindra
50	Abhijeet Raghuwanshi	Abhijeet
51	Tanushree Hardas	Absent
52	Priyanshu Kumar Rai	Absent
53	Priyanshu Chourasiya	Priyanshu

[Handwritten signature]

DEPARTMENT OF MICROBIOLOGY

Career College, Bhopal
Department of Microbiology

Notice and Time Table CCE-2022-23

Date: 15/12/22

This is to inform the M.Sc. Microbiology students that their CCE assignment submissions should be done at the mentioned dates and time to the concerned teachers.

Class	Paper	Mode of Exam	Date	Time
M.Sc I Sem	Paper I	Paper 1: Detailed note on Virus, types, Reproductions, plants and animal viruses	22-12-22	11:00 am
	Paper III	Paper 2: Enzymes as biocatalysts, Vitamins(in details)	22-12-22	11:00 am
	Paper II	Paper 3: Gene Expression, Transcription(in details)	22-12-22	11:00 am
	Paper IV	Paper 4: Spectrophotometer, NMR, Immunological Techniques	22-12-22	11:00 am
M.Sc III Sem	Paper I	Paper 1: Transplantation Immunology, hybridoma technology, antigen-antibody reactions	22-12-22	11:00 am
	Paper III	Paper 2: Sewage treatment methods, degradation of xenobiotics, pesticides and surfactants	22-12-22	11:00 am
	Paper II	Paper 3: biofertilizers, vermicomposting	22-12-22	11:00 am
	Paper IV	Paper 4: hepatitis, AIDS, Dengue, Poliomyelitis, Chicken pox	22-12-22	11:00 am


Dept. of Microbiology
Career College Bhopal


Career College, Bhopal
Department of Microbiology

Notice and Time Table CCE-2022-23

Date: 15/03/23

This is to inform the M.Sc. Microbiology students that their CCE assignment submissions should be done at the mentioned dates and time to the concerned teachers.

Class	Paper	Mode of Exam	Date	Time
M.Sc II Sem	Paper I	Paper 1: Detailed note on rDNA, Types of Plasmids	21-03-23	11:00 am
	Paper III	Paper 2: Laws of thermodynamics, Assimilation of Nitrogen	21-03-23	11:00 am
	Paper II	Paper 3: Methods of food preservation, Microbial diseases of food products	21-03-23	11:00 am
	Paper IV	Paper 4: Bioprocessing, Fermentors and their types, IPR	21-03-23	11:00 am


HOD
Dept. of Microbiology
Career College BHOPAL

Department of Microbiology 2022-23 CCE					
S.No	Name	P I	P II	P III	P IV
1	AKANSHA TANDEKAR	P	P	P	P
2	ANJALI KUMARI	P	A	P	P
3	ANKIT KUMARAM	P	P	P	P
4	ANKIT SOORYA	P	A	P	P
5	APURVA SRIVASTAVA	A	P	P	P
6	ASHISH SHINDE	P	P	P	P
7	HARSHITA PATHAK	P	P	P	P
8	JUHI NAGAR	P	P	A	P
9	KARISHMA SOLANKI	P	P	A	P
10	MANISHA RAJPUT	P	P	P	P
11	MUSKAN DEWANI	P	P	P	P
12	NILAM SAHU	P	P	P	P
13	RAGNI SHUKLA	P	A	P	P
14	RICHA DAHIYA	P	P	P	P
15	RINKY SHARMA	P	P	P	P
16	RITIKA SINGH	P	P	P	P
17	RITU JATAV	P	P		P
18	SHIVANSHU YADAV	P	P	P	A
19	SHREYANSH TEMBHARE	P	P	P	A
20	SHUBHANGI PANCHTILAK	P	P	P	A
21	SUMIT KUMAR	P	P	P	P
22	TALAT PARWEEN	P	P	A	P
23	VIKASH RAGHUWANSHI	P	P	P	P
24	YASHIKA RATHORE	P	P	P	A
25	KANIZ ZEHRA ZAIDI	P	A	P	P
26	NEHA PANDIT	P	P	P	P
27	ADIL ALI KHAN	P	A	P	P
28	ANKITA BADALKAR	A	P	A	P

**Department of Microbiology 2022-23 CCE
attendance MSc. I**

S.No	Name	P I	P II	P III	P IV
1	ANAMIKA SINGH KUSHWAH	P	P	P	P
2	MEWADA JAYA	P	P	P	P
3	MONIKA RAJPUT	P	A	P	P
4	SABA KHAN	P	A	P	P
5	BHAWANA	P	P	P	A
6	POONAM	P	P	P	P
7	CHHOTU MEHTAR	P	P	A	P
8	NIDHI SAINI	P	P	P	P
9	POOJA MISHRA	P	P	P	A
10	RAKHI PRAJAPATI	P	P	P	P

Department of Microbiology 2022-23 CCE attendance MSc. II					
S.No	Name	P I	P II	P III	P IV
1	ANAMIKA SINGH KUSHWAH	P	P	P	P
2	MEWADA JAYA	P	P	P	A
3	MONIKA RAJPUT	A	P	P	P
4	SABA KHAN	P	P	P	P
5	BHAWANA	P	A	P	P
6	POONAM	P	P	A	P
7	CHHOTU MEHTAR	P	A	P	P
8	NIDHI SAINI	P	P	P	A
9	POOJA MISHRA	P	P	A	P
10	RAKHI PRAJAPATI	A	P	P	P

DEPARTMENT OF BIOTECHNOLOGY



CAREER COLLEGE, BHOPAL

Affiliated to Barkatullah University, Bhopal, Approved by Dept. of Higher Education, GOVT. OF M.P., Bhopal and M.P. Paramedical Council Accredited by National Assessment and Accreditation Council (NAAC)

Date: 05th November 2022

CCE- 2022-23

Notice and Time Table

This is to inform that CCE of M. Sc. First and Third semester students will be held on following dates. It is compulsory for all students to attend the examination.

Class	Subject	Date
M. Sc. I Sem	Paper I: Cell Biology	10/11/22
	Paper II: Biomolecules	11/11/22
	Paper III: Microbiology	11/11/22
	Paper IV: Bioinstrumentation	10/11/22
M. Sc. III Sem	Paper I: Genetic Engineering	12/11/22
	Paper II: Biostatistics & Bioinformatics	12/11/22
	Paper III: Plant Biotechnology	11/11/22
	Paper IV: Bioprocess and Biochemical Engineering	11/11/22
	Paper V: Applied Biotechnology	12/11/22

Time: 12: 00 noon

*for
Nisipathis
05/11/22*
Dept. of Biotechnology
Career College, Bhopal

*VCP
5/11/2022*
Principal
Career College, Bhopal

GOVINDPURA, BHEL, BHOPAL- 462023

Phone: +91-755-2456042, 2488427, 2475366 Fax: +91755-2472978

Website: www.careercollegeindia.com, Email: info@careercollegeindia.com

MSC I SEM BIOTECHNOLOGY

CCE 2022-23

PAPER I: CELL BIOLOGY

MM: 15

Prepare a ~~Powerpoint~~ presentation on any topic of your choice from this paper.

MSC I SEM

BIOTECHNOLOGY

CCE 2022-23

PAPER II: STRUCTURE, FUNCTION AND METABOLISM OF BIOMOLECULES

MM: 15

1. Prepare an assignment on any topic of your choice from this paper.

MSC I SEM BIOTECHNOLOGY

CCE 2022-23

PAPER III: GENERAL AND APPLIED MICROBIOLOGY

MM: 15

2. Prepare a Poster on chart paper on any topic of your choice from this paper.

|

MSC I SEM BIOTECHNOLOGY

CCE 2022-23

PAPER II: STRUCTURE, FUNCTION AND METABOLISM OF BIOMOLECULES

MM: 15

1. Prepare an assignment on any topic of your choice from this paper.

MSC I SEM BIOTECHNOLOGY

CCE 2022-23

PAPER III: GENERAL AND APPLIED MICROBIOLOGY

MM: 15

1. Prepare a Poster on chart paper on any topic of your choice from this paper.

MSC I SEM BIOTECHNOLOGY

CCE 2022-23

PAPER IV: BIOINSTRUMENTATION

MM: 15

1. Which technique separates charged particles using electric field?
 - a) Hydrolysis
 - b) Electrophoresis
 - c) Protein synthesis
 - d) Protein denaturing

2. Electrophoresis was developed by:
 - a) Tswett
 - b) Tsvedberg
 - c) Tiselius
 - d) Sanger

3. What does the electrophoresis apparatus consist of?
 - a) Gel, buffer chamber and fire pack
 - b) Buffer chamber and electrophoresis unit
 - c) Electrophoresis unit and gel separator
 - d) Power pack and electrophoresis unit

4. If proteins are separated according to their electrophoretic mobility then the type of electrophoresis is:
 - a) SDS PAGE
 - b) Affinity Electrophoresis
 - c) Electro focusing
 - d) Free flow electrophoresis

5. When is electrophoresis not used?
 - a) Separation of proteins
 - b) Separation of amino acids
 - c) Separation of Lipids
 - d) Separation of nucleic

6. Immunoelctrophoresis combines which of the following techniques?
 - a) immuno-diffusion and electrophoresis
 - b) immuno-diffusion and chromatography
 - c) chromatography and electrophoresis
 - d) None of the above

MSC III SEM BIOTECHNOLOGY

CCE 2022-23

PAPER I: GENETIC ENGINEERING

MM: 15

- 1. Prepare a PowerPoint presentation on any topic of your choice from this paper.**

Note:

Minimum 10 slides

5 mins for presentation and 2 mins for defence.

MSC III SEM BIOTECHNOLOGY

CCE 2022-23

PAPER II: BIOSTATISTICS AND BIOINFORMATICS

MM: 15

1. Prepare an assignment on any topic of your choice.

MSC III SEM BIOTECHNOLOGY

CCE 2022-23

PAPER III: PLANT BIOTECHNOLOGY

MM: 15

1. Prepare a poster on any topic of your choice from this paper.

Note: Full size chart paper.

MSC III SEM BIOTECHNOLOGY

CCE 2021-22

PAPER IV: BIOPROCESS AND BIOCHEMICAL ENGINEERING

MM: 15

Prepare an assignment on any topic of your choice.

MSC III SEM BIOTECHNOLOGY

CCE 2022-23

PAPER V: APPLIED BIOTECHNOLOGY

MM: 15

1. Prepare an assignment on any topic of your choice.

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M.Sc.I Biotechnology
CCE - 2022-23

Date : 10/11/2022

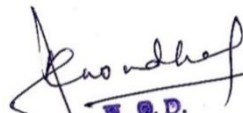
S.No.	Name	Paper I	Paper II	Paper III	Paper IV
1	Dollvina Joseph	<i>Dollvina</i>	<i>Dollvina</i>	<i>Dollvina</i>	<i>Dollvina</i>
2	Mayuri Shrivastava	<i>Mayuri</i>	<i>Mayuri</i>	<i>Mayuri</i>	<i>Mayuri</i>
3	Mukesh Dhurve	<i>Mukesh</i>	<i>Mukesh</i>	<i>Mukesh</i>	<i>Mukesh</i>
4	Nisha Pal	<i>Nisha</i>	<i>Nisha</i>	<i>Nisha</i>	<i>Nisha</i>
5	Princi Vishnoi	<i>Princi</i>	<i>Princi</i>	<i>Princi</i>	<i>Princi</i>
6	Subhash Chandra Raidass	<i>Subhash</i>	<i>Subhash</i>	<i>Subhash</i>	<i>Subhash</i>
7	Ved Prakash Vijya	<i>Ved</i>	<i>Ved</i>	<i>Ved</i>	<i>Ved</i>
8	Vinayak Kumar	<i>Vinayak</i>	<i>Vinayak</i>	<i>Vinayak</i>	<i>Vinayak</i>
9	Yash Kumar Mehra	<i>Yash</i>	<i>Yash</i>	<i>Yash</i>	<i>Yash</i>

N. O. D.
N. O. D.
Dept. of Biotechnology
Career College Bhopal

Career College, Bhopal
M.Sc III Biotechnology
CCE - 2022-23

Date : 11/11/22

S.No	Student Name	Paper I	Paper II	Paper III	Paper IV	Paper V
1	ARPITA SANTRA	AS	AS	AS	AS	AS
2	SARANSH VAHISHITA	SPW	SPW	SPW	SPW	SPW
3	ARPAN SHARMA	APSW	APSW	APSW	APSW	APSW
4	SHUBHAM BARMAN	SB	SB	SB	SB	SB
5	ANSHUMAN UPADHYAY	Anshuman	Anshuman	Anshuman	Anshuman	Anshuman
6	PRAKASH SINGH KUSHWAHA	Pkushwa	Pkushwa	Pkushwa	Pkushwa	Pkushwa
7	SOMNATH SAHOO	Somnath	Somnath	Somnath	Somnath	Somnath
8	TANUPRIYA PATEL	TP	TP	TP	TP	TP
9	PREKSHA VISHWAKARMA	Pvishw	Pvishw	Pvishw	Pvishw	Pvishw
10	KAHKASHAN AHMED	Kahkashan	Kahkashan	Kahkashan	Kahkashan	Kahkashan
11	TANYA ASRANI	Tanya	Tanya	Tanya	Tanya	Tanya
12	AAFRIN KHAN	AF	AF	AF	AF	AF
13	KARUNA MEENA	meena	meena	meena	meena	meena
14	SAMEER RAJPUT	sameer	sameer	sameer	sameer	sameer
15	ANSHUL SHARMA	Anshul	Anshul	Anshul	Anshul	Anshul
16	MOHAK DUBEY	Mohak	Mohak	Mohak	Mohak	Mohak
17	NIDHI PATEL	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi
18	JESHICA RAJPUT	Jeshica	Jeshica	Jeshica	Jeshica	Jeshica
19	SHIVANI SHARMA	Shivani	Shivani	Shivani	Shivani	Shivani
20	AKANKSHA KASHYAP	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha
21	MAYURI PATIDAR	Mayuri	Mayuri	Mayuri	Mayuri	Mayuri
22	SIYA BILONIYA	Siya	Siya	Siya	Siya	Siya
23	SIMRAN BILONIYA	Simran	Simran	Simran	Simran	Simran
24	MANISHA JAWARIYA	Manisha	Manisha	Manisha	Manisha	Manisha
25	RASHMI THAWRE	Rashmi	Rashmi	Rashmi	Rashmi	Rashmi
26	INSHERA FATHIMA KHAN	Inshera	Inshera	Inshera	Inshera	Inshera


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B. Sc. I Year Biotechnology|
Paper- I: Cell Biology and Biochemistry

CCE
2022-23

MM: 25

Part A

- I. Answer any five questions from the following 3X15=15
1. Differentiate between Prokaryotic and Eukaryotic Cell?
 2. Discuss Cell Theory?
 3. Explain Properties of Water?
 4. Discuss Chemical bonds?
 5. Explain Classification of Carbohydrates?
 6. What is protein? Discuss its functions?
 7. Write the principal and application of chromatography?

Part B

- I. Prepare a Detailed Poster on any one of the following: 1X 10=10
1. Prokaryotic Cell
 2. Animal Cell
 3. Plant Cell
 4. Any cell organelles like Mitochondria, Golgi bodies, Chloroplast etc.
 5. Cell Wall
 6. DNA
 7. Cell Cycle
 8. Mitosis
 9. Meiosis
 10. Centrifuge
 11. Microscope
 12. Types of Proteins
 13. Types of Carbohydrate
 14. Types of lipids
 15. Spectrophotometer
 16. Chromatography Technique

B. Sc. I Year Biotechnology
Paper- II: Microbiology and Immunology

CCE

2022-23

MM: 25

Part A

1. Answer any five questions from the following 3X15=15
2. Discuss history and evolution of microbiology?
 3. Discuss factors affecting microbial growth?
 4. Explain innate and acquired immunity?
 5. Discuss immune cells and organs?
 6. Explain ELISA with types diagrams?
 7. What is Antibody, Antigen and epitope? Draw a well labelled diagram of antibody IgG?

Part B

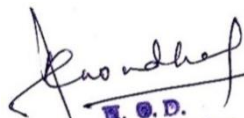
1. Prepare an assignment on any topic of your choice from this paper i.e Microbiology and Immunology 1X10=10

|

B.Sc. I Year Biotechnology

CCE Attendance

S: No.	Name	CCE-I	CCE-II
1	JAYESH SURYAVANSHI	Jayesh	Jayesh
2	SUVENDU MAJUMDAR	Suf	Suf
3	NEHA DUBEY	neha	Neha
4	SNEHA PATEL	Sneha	Sneha
5	SURYADEV PANDA	Suryadev	Suryadev
6	DIVYA AHIRWAR	Divya	Divya
7	SHIWANI AHIRWAR	Shiwani	Shiwani
8	UNNATI BHATT	Unnati	Unnati
9	AYUSHI DUBEY	Ayushi	Ayushi
10	KRATIKA SHRIVASTAVA	Kratika	Kratika
11	SHIKSHA GOUR	Shiksha	Shiksha
12	ASTHA DUBEY	Astha	Astha
13	KHUSHI BHADANGE	Khushi	Khushi
14	RAJESHWARI VERMA	Rajeshwari	Rajeshwari
15	HARSH PARDESHI	Harsh	Harsh
16	KRISHNA AHIRWAR	Krishna	Krishna
17	PRAJAKTA BHUJADE	Prajakta	Prajakta
18	RAKHI SINGH	Rakhi	Rakhi
19	AADI JAIN	Aadi	Aadi
20	TANISH DABI	Tanish	Tanish
21	HARSHITA MALYA	Harshita	Harshita
25	SHALINI RATHORE	Shalini	Shalini
26	Vanshika Sarpute	Vanshika	Vanshika


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BSc I – Nutrition and Dietetics

S.No	Name of the Student	Topics	Type
1	Aadi Jain	Basic nutrition requirement of Food group For Vegetarians (For e.g. Fruits, Vegetables, Grains, Protein Foods, and Dairy)	Chart
2	Astha Dubey	Prepare a Chart for ideal diet for an adult patient suffering from PCOS	Chart
3	Ayushi Dubey	Visit to any hospital who is providing meal to patients and make a report on it	Report
3	Divya Abirwar	Weight and measure any raw and cooked food of your choice and mention its nutrition value as raw and cooked food both	Chart
4	Harsh Pardeshi	Compare different nutritional supplements and make a report on it.	Report
5	Harsitha Malya	Prepare a Chart for ideal diet for an adult patient suffering from diabetes	Chart
6	Khushi Bhadange	Basic nutrition requirements of Food group For vegan (For e.g. Fruits, Vegetables, Grains, Protein Foods)	Chart
7	Krishna Abirwar	Prepare a chart for sign and symptoms of vitamin C deficiency	Chart
8	Kratika Shrivastava	Prepare a chart for malnutrition awareness program	Chart
9	Neha Dubey	Prepare a chart for sign and symptoms of vitamin A deficiency	Chart
10	Prajakta Bhujade	Prepare a chart for diabetes awareness program	Chart
11	Rajeshvari Verma	Prepare a chart for sign and symptoms of vitamin B complex deficiency	Chart
12	Rakhi Singh	Prepare a chart for post jaundice precautions and nutrition.	Chart
13	Shivani Abirwar	Weight and measure any raw and cooked food of your choice and mention its	Chart

CCE I 2022-23

BSc I – Nutrition and Dietetics

S.No	Name of the Student	Topics	Signature
1	Aadi Jain ✓	Basic nutrition requirement of Food group For Vegetarians (For e.g Fruits, Vegetables, Grains, Protein Foods, and Dairy)	Aadi
2	Astha Dubey ✓	Prepare a Chart for ideal diet for an adult patient suffering from PCOS	Astha
3	Ayushi Dubey ✓	Visit to any hospital who is providing meal to patients and make a report on it	Ayushi
4	Divya Ahirwar ✓	Weight and measure any raw and cooked food of your choice and mention its nutrition value as raw and cooked food both	Divya
5	Harsh Pardeshi ✓	Compare different nutritional supplements and make a report on it.	Harsh Pardeshi
6	Harsitha Malya ✓	Prepare a Chart for ideal diet for an adult patient suffering from diabetes	Harsitha
7	Khushi Bhadange ✓	Basic nutrition requirements of Food group For vegan (For e.g. Fruits, Vegetables, Grains, Protein Foods)	Khushi
8	Krishna Ahirwar ✓	Prepare a chart for sign and symptoms of vitamin C deficiency	Krishna
9	Kratika Shrivastava ✓	Prepare a chart for malnutrition awareness program	Kratika
10	Neha Dubey ✓	Prepare a chart for sign and symptoms of vitamin A deficiency	Neha
11	Prajakta Bhujade ✓	Prepare a chart for diabetes awareness program	Prajakta
12	Rajeshvari Verma ✓	Prepare a chart for sign and symptoms of vitamin B complex deficiency	Rajeshvari
13	Rakhi Singh ✓	Prepare a chart for post jaundice precautions and nutrition.	Rakhi
14	Shivani ✓	Weight and measure any raw	Shivani

	Ahirwar	and cooked food of your choice and mention its nutrition value as raw and cooked food both	
15	Siksha Gour ✓	Prepare a chart for post typhoid nutrition and precautions	Gour
16	Sneha Patel ✓	Food chart for adolescent girls	Sneha
17	Surya Dev Panda ✓	Visit to different Gym and interact with dieticians and make a report on the diet plans suggested by them to different age groups for body building.	Surya Dev
18	Suvendu Majumdar ✓	Visit to different Gym and interact with dieticians and make a report on the diet plans suggested by them to different age groups for body building.	Suvendu
19	Tanish Dabi ✓	Prepare a chart on food guide pyramid for an healthy adults	Tanish Dabi
20	Unnati Bhatt ✓	Visit to any hospital and meet dietician and prepare a report on their working format.	Unnati
21	Vanshika Satpute ✓	Prepare a chart on food guide pyramid for an pregnant women	Vanshika
22	V. Abhishek (Major Chemistry)	Prepare a chart on food guide pyramid for children (Age group 5-10 years)	Abhishek
23	Saniya Nasir (Major Zoology)	Prepare a chart on food guide pyramid for children (Age group 5-10 years)	Saniya Nasir

24. Jayesh
25. Shalini

Malnutrition - Shalini

(Signature)
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B. Sc. II Year Biotechnology
Paper- I: Basic Molecular Biology

CCE

2022-23

MM:30

Q1. Prepare a poster on any topic of your choice from this paper. Upload it through MIS and Present the Poster.

Note:

- **5 min for Presentation and 2 min for defence**
- **Full size chart paper should be used**

B. Sc. II Year Biotechnology
Paper- II: Recombinant DNA Technology
CCE
2022-23

MM:30

Q1. Prepare an assignment on any topic of your choice from this paper.

Note:

- Minimum 10 white plane pages.
- Write or print on one side.

BSc II – Management of Nutrition in life cycle

S.No	Name of the Student	Topics	Type
1	ANJALI SHUKLA	Planning of diet for children under 5 years of age	Chart
2	ARPITA SINGH	Planning of diet for old age women	Chart
3	ARTI SIKHA	Planning of diet for lactating women	Chart
4	ARYAN SEN	Planning of diet for old age men	Chart
5	DEEPAK PANDIT	Planning of diet for Adolescent boys	Chart
6	DEEPAI NARVERIYA	Planning of diet for old age women	Chart
7	DURGA SINGH	Planning of diet for pregnant women	Chart
8	GOURAV SINGH	Planning of diet for Adolescent girls	Chart
9	JAI SINGH SHAKYA	Planning of diet for children suffering from mal nutrition	Chart
10	KIRTI THAWRE	Planning of diet for children of 10 to 12 years	Chart
11	MADHUR SHRIVASTAVA	Planning of diet for teenagers	Chart
12	MAN KUMAR PATHAK	Planning of diet for children suffering from mal nutrition	Chart
13	NANCY RATHORE	Planning of diet for Adolescent girls	Chart
14	NEHA PAL	Planning of diet for lactating women	Chart
15	PALAK RAJPUT	Prepare a chart on ideal weaning foods	Chart
16	PURNANAND TRIPATHI	Planning of diet for children of 10 to 12 years	Chart
17	RAHUL PRAJAPATI	Planning of diet for teenagers	Chart
18	RASHMI GAJGHATE	Planning of diet for children suffering from mal nutrition	Chart
19	SAKSHI CHOUHAN	Planning of diet for children of 10 to 12 years	Chart
20	SHAILY RAJPUROHIT	Planning of diet for lactating women	Chart
21	SHRADDHA BHAKORIYA	Planning of diet for children age group of 6 to 9 years	Chart
22	SHRADDHA VIKRAMAN PILLAI	Prepare a chart on ideal weaning foods	Chart
23	SHUBHAM VISHWAKARMA	Planning of diet for children age group of 6 to 9 years	Chart

24	SHUBHI CHOURASIYA	Planning of diet for teenagers	Chart
25	SMRITY KUMARI	Planning of diet for lactating women	Chart
26	SURYA PRAKASH SHARMA	Planning of diet for teenagers	Chart
27	UNNATI SIMON	Planning of diet for pregnant women	Chart
28	VARSHA TIWARI	Planning of diet for children of 10 to 12 years	Chart
29	VIGNESH SHRIVASTAVA	Prepare a chart on ideal supplementary food for adults	Chart
30	YASH SONI	Prepare a chart on ideal supplementary food for teenagers	Chart
31	Kshama Gupta (major chemistry)	Planning of diet for pregnant women	Chart
32	SHRISTI PANDEY (Major – zoology)	Planning of diet for Adolescent girls	Chart

9/11/22

B.Sc. II Year Biotechnology (Session 2022-23)
CCE Attendance

S.No	Name	CCE I	CCE II
1	MADHUR SHRIVASTAVA	<i>[Signature]</i>	<i>[Signature]</i>
2	VAISHNAVI SHARMA	<i>[Signature]</i>	<i>[Signature]</i>
3	ANJALI SHUKLA	<i>[Signature]</i>	<i>[Signature]</i>
4	SHUBHI CHOURASIYA	<i>[Signature]</i>	<i>[Signature]</i>
5	GOURAV SINGH	<i>[Signature]</i>	<i>[Signature]</i>
6	SHRADDHA VIKRAMAN PILLAI	<i>[Signature]</i>	<i>[Signature]</i>
7	DURGA SINGH	<i>[Signature]</i>	<i>[Signature]</i>
8	UNNATI SIMON	<i>[Signature]</i>	<i>[Signature]</i>
9	PALAK RAJPUT	<i>[Signature]</i>	<i>[Signature]</i>
10	MAHAK SHARMA	<i>[Signature]</i>	<i>[Signature]</i>
11	SMRITY KUMARI	<i>[Signature]</i>	<i>[Signature]</i>
12	KIRTI THAWRE	<i>[Signature]</i>	<i>[Signature]</i>
13	SHAILY RAJPUROHIT	<i>[Signature]</i>	<i>[Signature]</i>
14	SAKSHI CHOUHAN	<i>[Signature]</i>	<i>[Signature]</i>
15	NANCY RATHORE	<i>[Signature]</i>	<i>[Signature]</i>
16	NEHA PAL	<i>[Signature]</i>	<i>[Signature]</i>
17	ARPITA SINGH		
18	ARTI SIKHA	<i>[Signature]</i>	<i>[Signature]</i>
19	MAN KUMAR PATHAK	<i>[Signature]</i>	<i>[Signature]</i>
20	DEEPALI NARVERIYA	<i>[Signature]</i>	<i>[Signature]</i>
21	KHUSHI SETPALANI	<i>[Signature]</i>	<i>[Signature]</i>
22	ARYAN SEN	<i>[Signature]</i>	<i>[Signature]</i>
23	YASH SONI	<i>[Signature]</i>	<i>[Signature]</i>
24	ROSHNI DARYANI	<i>[Signature]</i>	<i>[Signature]</i>
25	JAI SINGH SHAKYA	<i>[Signature]</i>	<i>[Signature]</i>
26	SHRADDHA BHAKORIYA	<i>[Signature]</i>	<i>[Signature]</i>
27	TANYA AWASTHI	<i>[Signature]</i>	<i>[Signature]</i>
28	VIGNESH SHRIVASTAVA	<i>[Signature]</i>	<i>[Signature]</i>
29	SURYA PRAKASH SHARMA	<i>[Signature]</i>	<i>[Signature]</i>
30	MUSKAN SHAKYA	<i>[Signature]</i>	<i>[Signature]</i>
31	PURNANAND TRIPATHI	<i>[Signature]</i>	<i>[Signature]</i>
32	VARSHA TIWARI	<i>[Signature]</i>	<i>[Signature]</i>
33	RASHMI GAJGHATE	<i>[Signature]</i>	<i>[Signature]</i>
34	SHUBHAM VISHWAKARMA	<i>[Signature]</i>	<i>[Signature]</i>
35	DEEPAK PANDIT	<i>[Signature]</i>	<i>[Signature]</i>
36	RAHUL PRAJAPATI	<i>[Signature]</i>	<i>[Signature]</i>

[Signature]
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BSc II – Management of Nutrition in life cycle

CCE 2022-23

Date : 12/11/ 2022

S.No	Name of the Student	Topics	Signature
1	ANJALI SHUKLA	Planning of diet for children under 5 years of age	
2	ARPITA SINGH	Planning of diet for old age women	
3	ARTI SIKHA	Planning of diet for lactating women	
4	ARYAN SEN	Planning of diet for old age men	
5	DEEPAK PANDIT	Planning of diet for Adolescent boys	
6	DEEPAI NARVERIYA	Planning of diet for old age women	
7	DURGA SINGH	Planning of diet for pregnant women	
8	GOURAV SINGH	Planning of diet for Adolescent girls	
9	JAI SINGH SHAKYA	Planning of diet for children suffering from mal nutrition	
10	KIRTI THAWRE	Planning of diet for children of 10 to 12 years	
11	MADHUR SHRIVASTAVA	Planning of diet for teenagers	
12	MAN KUMAR PATHAK	Planning of diet for children suffering from mal nutrition	
13	NANCY RATHORE	Planning of diet for Adolescent girls	
14	NEHA PAL	Planning of diet for lactating women	
15	PALAK RAJPUT	Prepare a chart on 'ideal' weaning foods	
16	PURNANAND TRIPATHI	Planning of diet for children of 10 to 12 years	
17	RAHUL PRAJAPATI	Planning of diet for teenagers	
18	RASHMI GAJGHATE	Planning of diet for children suffering from mal nutrition	
19	SAKSHI CHOUHAN	Planning of diet for children of 10 to 12 years	
20	SHAILY RAJPUROHIT	Planning of diet for lactating women	
21	SHRADDHA BHAKORIYA	Planning of diet for children age group of 6 to 9 years	

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B.Sc. II Year Biotechnology (Session 2022-23)
Re CCE Attendance

Date- 12/11/2022

S.No	Name	CCE I	CCE II
1	MADHUR SHRIVASTAVA	Madhur	Madhur
2	VAISHNAVI SHARMA	Washna	Washna
3	ANJALI SHUKLA	Anjali	Anjali
4	SHUBHI CHOURASIYA	Shubhi	Shubhi
5	GOURAV SINGH	Gourav	Gourav
6	SHRADDHA VIKRAMAN PILLAI	Shradha	Shradha
7	DURGA SINGH	Durga	Durga
8	UNNATI SIMON	Unnati	Unnati
9	PALAK RAJPUT	Palak	Palak
10	MAHAK SHARMA	Mehak	Mehak
11	SMRITY KUMARI	Smrity	Smrity
12	KIRTI THAWRE	Kirti	Kirti
13	SHAILY RAJPUROHIT	Shaily	Shaily
14	SAKSHI CHOUHAN	Sakshi	Sakshi
15	NANCY RATHORE	Nancy	Nancy
16	NEHA PAL	Neha	Neha
17	ARPITA SINGH	Arpita	Arpita
18	ARTI SIKHA	Arti	Arti
19	MAN KUMAR PATHAK	Manu	Manu
20	DEEPALI NARVERIYA	Deepali	Deepali
21	KHUSHI SETPALANI	Khushi	Khushi
22	ARYAN SEN	Aryan	Aryan
23	YASH SONI	Yash	Yash
24	ROSHNI DARYANI	Roshni	Roshni
25	JAI SINGH SHAKYA	Jai	Jai
26	SHRADDHA BHAKORIYA	Shradha	Shradha
27	TANYA AWASTHI	Tanya	Tanya
28	VIGNESH SHRIVASTAVA	Vignesh	Vignesh
29	SURYA PRAKASH SHARMA	Surya	Surya
30	MUSKAN SHAKYA	Muskan	Muskan
31	PURNANAND TRIPATHI	Purnanand	Purnanand
32	VARSHA TIWARI	Varsha	Varsha
33	RASHMI GAJGHATE	Rashmi	Rashmi
34	SHUBHAM VISHWAKARMA	Shubham	Shubham

35. Deepak Pandit
36. Rahul Prjapati

[Signature]
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B. Sc. III Year Biochemistry

Paper- I: Molecular Biology

CCE

2022-23

MM:10

1. Prepare an assignment on any 5 of the following:
 - a. Detailed structure of DNA
 - b. DNA replication in prokaryotes
 - c. Transcription in prokaryotes
 - d. Mutation and its types
 - e. Recombinant DNA Technology
 - f. Translation in prokaryotes
 - g. Genetic code

B. Sc. III Year Biochemistry

Paper- II: Nutrition, clinical and environmental biology

CCE

2022-23

MM:10

1. Prepare a PowerPoint presentation on any one of the following topics:
 - a. Nutrition and dietary habits
 - b. Balanced Diet
 - c. Collection and preservation of biological fluids
 - d. Air pollution
 - e. Water pollution

B. Sc. III Year Biotechnology
Paper- I : Molecular Biology and Genetic engineering
CCE
2022-23

MM:10

1. Prepare a powerpoint presentation on any topic of your choice from paper I i. e. Molecular Biology and Genetic engineering

Example

- Structure of DNA/RNA
- DNA replication
- Eukaryotic chromosomal organization
- Origin of life
- Mendel's Law
- RDT
- Vectors
- Gene amplification
- Mutation
- Transcription in eukaryotes
- Translation in eukaryotes
- Gene expression in eukaryotes

B. Sc. III Year Biotechnology
Paper- II :Applied biotechnology
CCE
2022-23

MM:10

1. Prepare an assignment on any 5 of the following:
 - a. Food contaminants and spoilage
 - b. Nutritional requirements of plant tissue culture
 - c. Somatic hybridization
 - d. Innate and acquired immunity
 - e. Strain improvement methods
 - f. Types of fermentation
 - g. Organ culture

B.Sc. III Year Biotechnology
CCE Attendance

S.No	Name	CCE I	CCE II
1	Deepika Dahima	Deepika	Deepika
2	Preeti Sahani	Preeti	Preeti
3	Prtyanshi Noel	Prtianshi	Prtianshi
4	Sejal Barmaiya	Sejal	Sejal
5	Shivani Gupta	Shivani	Shivani
6	Sneha Chouhan	Sneha	Sneha
7	Soumya Yadav	Soumya	Soumya
8	Shreya Tiwari	Shreya	Shreya
9	Jyoti sahu	Jyoti	Jyoti
10	Sneha Awasthi	Sneha	Sneha
11	Khushi Saini	Khushi	Khushi
12	Prafool Akhande	Prafool	Prafool
13	Vaishnavi Sharma	Vaishnavi	Vaishnavi
14	Manash Bachhar	Manash	Manash
15	Neha Singh	Neha	Neha
16	Aditya Mohan	Aditya	Aditya

[Signature]
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B.Sc. III Year Biochemistry
CCE Attendance

S.No	Name	CCE I	CCE II
1	Vishvam Jawade	Vishvam	Vishvam
2	Diya Naskar	Diya	Diya
3	Divyanshi Makode	Divyanshi	Divyanshi
4	Mahi Verma	Mahi	Mahi

[Signature]
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Career College Bhopal

DEPARTMENT OF ZOOLOGY

CAREER COLLEGE BHOPAL
DEPARTMENT OF ZOOLOGY

CCE M.SC.I & III SEM

NOTICE

SESSION: 2022-23

This is to inform that CCE-I of M.Sc. I & III Zoology will be held on following dates. It is compulsory to all students to attend the examination.

S.NO.	Date	M.Sc. I Sem	M.Sc. III Sem
1	16/11/2022	Paper-I	Paper-I
2	17/11/2022	Paper-II	Paper-II
3	18/11/2022	Paper-III	Paper-III
4	21/11/2022	Paper-IV	Paper-IV


HOD

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Department of Zoology
Career College
BHOPAL.
Department of Zoology

Dr. Charanjit Kaur

Principal

Career College Bhopal

CAREER COLLEGE BHOPAL
DEPARTMENT OF ZOOLOGY
CCE M.SC IIIrd SEMESTER

Date- 16/11/22

- Q1. STRUCTURE AND FUNCTION OF INTEGUMENTS?
- Q2. WRITE ABOUT BLOOD CIRCULATION IN VARIOUS VERTEBRATES?
- Q3. WRITE ABOUT FLIGHT ADAPTATIONS IN BIRDS ?
- Q4. COMPARATIVE ANATOMY OF BRAIN AND SPINAL CORD ?
- Q5. AQUATIC ADAPTATIONS IN BIRDS ?

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CCE M.SC IIIrd SEMESTER

Date- 17 /11/22

- Q1. DEFINE LIMNOLOGY?
- Q2. DIFFERENCE BETWEEN PHYTOPLANKTON AND ZOOPLANKTON?
- Q3. WHAT IS THE CAUSE OF POLLUTION OF AQUATIC RESOURCES?
- Q4. NOTE ON USE AND DISUSE OF INLAND WATERS?
- Q5. TYPES OF FRESHWATER HABITATS?

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CAREER COLLEGE BHOPAL
DEPARTMENT OF ZOOLOGY
CCE M.SC IIIrd SEMESTER
Date- 18/11/22

- Q1. WHAT IS TOXICOLOGY?
- Q2. NOTE ON ENERGY FLOW IN ENVIRONMENT?
- Q3. NOTE ON REMOTE SENSING?
- Q4. AIR POLLUTION AND ITS CONTROL METHODS?
- Q5. WRITE SHORT NOTE ON BIOTIC AND ABIOTIC FACTORS?

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CAREER COLLEGE BHOPAL
DEPARTMENT OF ZOOLOGY
CCE M.SC IIIrd SEMESTER

Date- 21/11/22

- Q1. DEFINATION AND SCOPE OF AQUACULTURE?
- Q2. WRITE ABOUT FRESHWATER PRAWN CULTURE?
- Q3. DIFFERENT TYPES OF CRAFTS AND GEARS USED FOR FISH CATCHING?
- Q4. WATER POLLUTION AND ITS EFFECTS ON FISHERIES?
- Q5. DEFINE PLANKTONS?

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**CAREER COLLEGE BHOPAL
DEPARTMENT OF ZOOLOGY
MODE OF CCE – TEST PAPER**

**DATE- 16/11/22
TOTAL MARKS – 15**

- Q1.) WHAT IS ICZN?
- Q2.) WRITE ABOUT TAXONOMIC KEYS AND ITS MERITS AND DEMERITS?
- Q3.) DEFINE CHEMOTAXONOMY?
- Q4.) DIFFERENCE BETWEEN MICRO AND MACRO EVOLUTION?
- Q5.) EXPLAIN HARDY WEINBERG LAW OF GENETIC EQUILLIBRIUM?

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MODE OF CCE – TEST PAPER
DATE- 17/11/22
TOTAL MARKS – 15

- Q1.) DIFFERENCE BETWEEN OF ACOELOMATES, PSEUDO
COELOMATES, PSEUDOCOLEMOTES
- Q2.) CILIARY MOVEMENTS IN PROTOZOA?
- Q3.) WRITE ABOUT COXAL GLANDS?
- Q4.) LARVAL FORMS OF MOLLUSCA?
- Q5.) EXPLAIN NERVOUS SYSTEM OF ANNELIDA?

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MODE OF CCE – TEST PAPER

DATE- 18/11/22
TOTAL MARKS – 15

- Q1.) MEAN, MODE , MEDIAN?
Q2.) WHAT IS CHI SQUARE TEST?
Q3.) WRITE ABOUT BIODIVERSITY CONSERVATION METHODS?
Q4.) SHORT NOTE ON NATIONAL PARKS AND SANCTUARIES OF M.P.
Q5.) WRITE NOTE ON PROJECT GIR LION?

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MODE OF CCE – TEST PAPER

DATE- 21/11/22
TOTAL MARKS – 15

- Q1.) ACIDS AND BASES?
- Q2.) WRITE A NOTE ON PRIMARY , SECONDARY AND TERTIARY
STRUCTURE OF PROTEIN?
- Q3.)WRITE ABOUT CITRIC ACID CYCLE?
- Q4.) DESCRIBE DOUBLE HELICAL STRUCTURE OF DNA?
- Q5.) RNA SYNTHESIS AND SPLICING?

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Department of Zoology

CCE Paper – 2 (22-23)

Mode : Assignment

Date : 23/3/23

Sr. No.	Name of Student	Assignment Topic	Student' Sig.
1	Sania Nasir	The development of chick up to formation of primitive streak	<i>Sania</i>
2	Manya	Stem cell, types and their uses	<i>Manya</i>
3	Ojasvi Bisen	Parthenogenesis	<i>Ojasvi</i>
4	Khushi Rai	Placenta and mammals and placenta banking	<i>Khushi Rai</i>
5	Khushi Sulekhiya	Artificial reproductive techniques	<i>Khushi</i>
6	Khushi Anand	Short notes on: a) Fertilized egg of frog b) Cleavage in frog c) Blastulation in frog	
7	Khushi Soni	Gene Bank	<i>Khushi Soni</i>
8	Anurag Lodhi	Metamorphosis of tadpole larva	<i>Anurag</i>
9	Ashish Peter	Extra embryonic membrane	<i>Ashish</i>
10	Sanjana Sarathe	stem cell, type & their uses	<i>Sanjana</i>
11	Trisha Tyagi		
12	Shreya	Structure & function of nucleus	<i>Shreya</i>
13	Vishaka	Cell Cycle	<i>Vishaka</i>
14	Aditi Patkar	Types of cell fertilisation	<i>Aditi</i>
15	Pooja Pradhan	Parthenogenesis	<i>Pooja</i>
16	Astha Dubey	Structure & function of Mitochondria	<i>Astha</i>
17	Ayushi Dubey	Structure of male reproductive system of Lepus	<i>Ayushi</i>
18	Divya Ahirwar	Structure & function of Golgi body & Endoplasmic reticulum	<i>Divya</i>
19	Harsh Pardeshi	Structure & function of chromosome and special type of chromosomes	<i>Harsh</i>
20	Jayesh Suryavanshi	Metamorphosis of tadpole larva	
21	Khushi Bhadange	Fertilization'	<i>Khushi</i>

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DEPARTMENT OF ZOOLOGY

B.Sc. III year CCE (MODE-PPT)

Session-2022-23 Date: 5/11/22

Sr. No.	Name of student	Topics P-I	Topics P-II	Sign
1	Aarti Panthi	Transcription of Prokaryotes	Natural Resources & their conservation	<i>Aarti</i>
2	Amit Singh Kushwaha	Genetic code	Ecological division of India	<i>Amit</i>
3	Diksha Mishra	DNA finger printing	Sericulture industries in India	<i>Diksha</i>
4	Khushi Gajbhiye	Linkage and crossing over types and significance	Wild Life Protection Act, National Parks & Sanctuaries of India	<i>Khushi</i>
5	Raj Rajak	Mendel's laws of heredity	Frog Culture	<i>Rajak</i>
6	Palak Sahu	Translation of Prokaryotes	Types of Lakes	<i>Palak</i>
7	Pinki Yaduvanshi	DNA replication in Prokaryotes	Marine Habitat	<i>Pinki</i>
8	Prachi Yaduvanshi	Structure, molecular organization and function of DNA and RNA and RNA of types	Preservation & Processing of fishes	<i>Prachi</i>
9	Riya Prasad	Gene expression: Regulation synthesis and lac operon model	Nitrogen Cycle	<i>Riya</i>
10	Sakshi Singh	Mutation and types of mutation & Mutagens	Lac Culture	<i>Sakshi</i>
11	Surjeet Shilpi	Mendel's laws of heredity	Noise Pollution	<i>Surjeet</i>
12	Vikas Chourey	Sex determination	Air Pollution	<i>Vikas</i>
13	Aditya Mohan	Structural and numerical changes in chromosomes	Methods of Bee keeping	<i>Aditya</i>
14	Arzoo Tiwari (Micro)	Human karyotype	Succession	<i>Arzoo</i>
15	Deepak	PCR	Population Concept	
16	Jyoti Sahu	DNA finger printing	Pyramids	
17	Neha	Gene therapy	Terrestrial Habitat	<i>Neha</i>
18	Prtyanshi	Recombinant DNA technology	Energy flow in Ecosystem	<i>Prtyanshi</i>
19	Rabiya Khan	Gene cloning	Structure of Ecosystem	

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20	Sajal Srivastava	Gene therapy	Pearl Culture & Pearl Industry	<u>Sajal</u>
21	Sarthak Srivastava	Variations sources and types	Pond Ecosystem	<u>Sarthak</u>
22	Shivani	Blotting	Biological control of Insect Pest	<u>Shivani</u>
23	Vaishnavi Sharma	Genetic diseases in human	Wildlife Protection Act	<u>Vaishnavi</u>
24	Divyanshi Makode	Translation in prokaryotes	Maintenance of Aquarium	<u>Divyanshi</u>
25	Soumya Yadav	Recombinant DNA technology and gene cloning	Stored Grains & Vegetable pests	<u>Soumya</u>
26	Mahi Verma	Human Genome project	Endangered species of India	<u>Mahi Verma</u>
27	Mihir Raghuvanshi	Autosomal and sex chromosomes syndromes in human	Water Pollution	<u>Mihir</u>
28	Deepika Dahima	Mendel's laws of heredity	Carp fish Culture	<u>Deepika</u>
29	Sejal Barmaiya	Sex linked Inheritance	Methods of Prawn Fishing	<u>Sejal</u>
30	Vikesh Chandra vanshi	Autosomal and sex chromosomes syndromes in human	Energy flow in Ecosystem	<u>Vikesh</u>
31	Preeti Sahani	Transcription & translation of Prokaryotes	Urbanization & effect of human population on Environment	
32	Diya Naskar	Nucleosome, split gene, overlapping gene, pseudo gene	Air Pollution	<u>Diya</u>
33	Namrata Verma(Micro)	Blotting southern and northern	Ecological division of India	<u>Namrata</u>
34	Sudha Choudhary	gene therapy	water pollution	<u>Sudha</u>

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Department of Commerce and Management

Session: 2022 – 2023

Continuous Comprehensive Evaluation (C.C.E.)

Notice

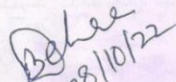
Date : 28/10/2022

This is to inform all the students of B.Com. and B.B.A. I , II and III Year and M.Com. I and III Semester that their C.C.E. conducting from 7th November 2022 as per the mention time table and follow given below instruction;

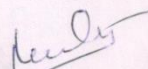
- B.Com. and B.B.A. I year C.C.E. through Assignment.
Assignment should be prepared only on A4 size lining register.
- B.Com. and B.B.A. II C.C.E. through Poster Presentation.
Poster presentation can be present by two students.
- B.Com. and B.B.A. III Year C.C.E. through Power Point Presentation.
- P.P.T. presentation can be present in a group (maximum five students).
- M.Com. I and III Sem. C.C.E. through Power Point Presentation.

Note :


- Before C.C.E. it is compulsory to all the students should submit their first installment of fee and also update their E.R.P. status.
- It is Compulsory for all to attend the same otherwise you will be marked as absent in your internals.


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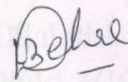
TIME TABLE C.C.E. (SESSION 2022 - 2023)

M.COM. I & III SEM

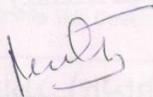
Time-10 AM.

Pattern of C.C.E. (Power Point Presentation)


CLASS	07-11-2022	09-11-2022	10-11-2022	11-11-2022
M.COM. I SEM	MANAGEMENT CONCEPTS	BUSINESS ENVIRONMENT	ADVANCED ACCOUNTING	COST ANALYSIS AND CONTROL
M.COM. III SEM	MANAGERIAL ECONOMICS	TAX PLANNING AND MANAGEMENT	ENTERPRENEURSHIPS KILL DEVELOPMENT	ACCOUNTING FOR MANAGERIAL DECISIONS


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TIME TABLE C.C.E. (SESSION 2022 - 2023)
M.COM. I & III SEM

Pattern of C.C.E. (Power Point Presentation)

CLASS	Subject	Syllabus given to the students under C.C.E.
M.COM. I SEM	Management Concepts	Unit I to Unit V
	Business Environment	Unit I to Unit V
	Advanced Accounting	Unit I to Unit V
	Cost Analysis and Control	Unit I to Unit V
M.COM. III SEM	Managerial Economics	Unit I to Unit V
	Tax Planning and Management	Unit I to Unit V
	Entrepreneurship Skill Development	Unit I to Unit V
	Accounting for Managerial Decision	Unit I to Unit V

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TIME TABLE (CCE) 2022 - 2023

B.COM. & BBA I YEAR

Pattern of C.C.E. (Assignment)

Time - 10 am.

CLASS	7/11/2022 Major I	9/11/2022 Major II	10/11/2022 Minor	11/11/2022 Elective	12/11/2022 (Vocational)
B.COM. I YEAR (ALL)	FINANCIAL A/C	BUSINESS REGULATORY FRMAEWORK	BUSINESS ORG. & COMMUNICATIO N	BANKING AND INSURANCE	E.- ACCOUNTING. WITH G.S.T.
				NCC/NSS	OFFICE PROCEDURE AND PRACTICE
				FUNDAMENTAL OF COMPUTER	PERSONALITY DEVELOPMENT
				M.S. OFFICE	DIGITAL MARKETING
				COMMUNICATIVE ENGLISH	WEB DESIGNING
				ECONOMICS	
B.B.A. I YEAR	BUSINESS MGMT.	COMMUNICATIN SKILLS	COMMUNICATIO N SKILLS	NCC/NSS	E.- ACCOUNTING. WITH G.S.T.
			BUSINESS STATISTICS	FUNDAMENTAL OF COMPUTER	OFFICE PROCEDURE AND PRACTICE
				M.S. OFFICE	PERSONALITY DEVELOPMENT
	FINANCIAL A/C	BUSINESS MATHS	BUSINESS MATHS	COMMUNICATIVE ENGLISH	DIGITAL MARKETING
					WEB DESIGNING

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DEPARTMENT OF COMMERCE AND MANAGEMENT
TIME TABLE (CCE) 2022 - 2023
B.COM. & BBA I YEAR

Pattern of C.C.E. (Assignment)

CLASS	Subject	Syllabus given to the students under C.C.E.
B.COM. I YEAR (ALL)	Major I : FINANCIAL A/C	Unit I, II
	Major II : Business Regulatory Framework	Unit I, II
	Minor : Business Org. and Communication	Unit I, II
	Elective : Banking and Insurance	Unit I, II
	Elective : NCC and NSS	Unit I, II
	Elective : Fundamental of Computer	Unit I, II
	Elective : M.S. Office	Unit I, II
	Elective : Communicative English	Unit I, II
	Elective : Economics	Unit I, II
	Vocational : E-Accounting with G.S.T.	Unit I, II
	Vocational : Office Procedure and Practice	Unit I, II
	Vocational : Personality Development	Unit I, II
	Vocational : Digital Marketing	Unit I, II
	Vocational : Web Designing	Unit I, II
B.B.A. I YEAR	Major I : Business Management	Unit I, II
	Major I : Financial A/c	Unit I, II
	Major II : Communication Skills	Unit I, II
	Major II : Business Maths	Unit I, II
	Minor : Communication Skills	Unit I, II
	Minor I : Business Statistics	Unit I, II
	Minor : Business Maths	Unit I, II
	Elective : NCC and NSS	Unit I, II
	Elective : Fundamental of Computer	Unit I, II
	Elective : M.S. Office	Unit I, II
	Elective : Communicative English	Unit I, II
	Vocational : E-Accounting with G.S.T.	Unit I, II
	Vocational : Office Procedure and Practice	Unit I, II
	Vocational : Personality Development	Unit I, II
Vocational : Digital Marketing	Unit I, II	
Vocational : Web Designing	Unit I, II	

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Time Table (CCE)
B.Com. & BBA II Year 2022 - 2023
Pattern of C.C.E. (Poster Presentation)

Time-10am

CLASS	7/11/2022 Major I	9/11/2022 Major II	10/11/2022 Minor	11/11/2022 Elective
B.COM. II YEAR (ALL)	COST A/C	CORPORATE A/C	PRINCIPLE OF STATISTICS	CORPORATE LAW MARKETING Mgt.
				FIN. MARKET OPERATION
				N.C.C./N.S.S.
B.B.A. II YEAR	H.R.M.	ORGANIZATIONAL BEHAVIOUR	ORGANIZATIONAL L BEHAVIOUR	ORGANIZATIONAL BEHAVIOUR
	MARKETING RESEARCH	MARKETING RESEARCH	MARKETING RESEARCH	MARKETING RESEARCH
	FINANCIAL MANAGEMENT	FINANCIAL MARKET AND FINANCIAL SERVICES	FINANCIAL MARKET AND FINANCIAL SERVICES	FINANCIAL MARKET AND FINANCIAL SERVICES WEB DESIGNING

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Time Table (CCE)

B.Com. & BBA II Year 2022 - 2023

Pattern of C.C.E. (Poster Presentation)

CLASS	Subject	Syllabus given to the students under C.C.E.
B.COM. II YEAR (ALL)	Major I : COST A/C	Unit I and Unit II
	Major II : Corporate A/c	Unit I and Unit II
	Minor : Principles of Statistics	Unit I and Unit II
	Elective : Corporate Law	Unit I and Unit II
	Elective : Fin. Market Operation	Unit I and Unit II
	Elective : N.C.C. and N.S.S.	Unit I and Unit II
B.B.A. II YEAR	Major I : H.R.M.	Unit I and Unit II
	Major I : Marketing Research	Unit I and Unit II
	Major I : Financial Management	Unit I and Unit II
	Major II: Organizational Behaviour	Unit I and Unit II
	Major II: Marketing Research	Unit I and Unit II
	Major II: Fin. Market and Fin. Services	Unit I and Unit II
	Minor : Organizational Behaviour	Unit I and Unit II
	Minor I: Marketing Research	Unit I and Unit II
	Minor : Fin. Market and Fin. Services	Unit I and Unit II
	Elective : Organizational Behaviour	Unit I and Unit II
	Elective : Financial Market and Financial Services	Unit I and Unit II
	Elective : Web Designing	Unit I and Unit II

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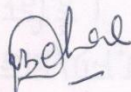
CAREER COLLEGE BHOPAL
DEPARTMENT OF COMMERCE AND MANAGENT
TIME TABLE CCE

B.COM.& BBA III YEAR 2022 - 2023

Pattern of C.C.E. (Power Point Presentation)

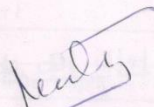
Time 10 am

CLASS	07-11-2022	09-11-2022	10-11-2022	11-11-2022	12-11-2022	14-11-2022
B.COM.III YEAR (ALL)	AUDITING	MANAGEMENT A/C	ECONOMICS/ COMPUTER/ TAXATION/ TOURISM/ OFFICE MGMT./ INSURANCE/ ADVERTISEMENT (PAPER I)	INCOME TAX	GST & CUSTOM DUTY	ECONOMICS/ COMPUTER/ TAXATION/ TOURISM/ OFFICE MGMT./ INSURANCE/ ADVERTISEMENT (PAPER I)
B.COM.III YEAR (HONS)	RESEARCH METHODOLOGY	BANKING LAW & PRACTICE	INCOME TAX	GST & CUSTOM DUTY	MANAGEMENT & COST A/C	HUMAN RESOURCE MGT.
A III YEAR	E.D.	MGT. INFORMATION SYSTEM	BUSINESS ENVIRONMENT	MARKETING/FI NANCE/HRM (PAPER I)	BUSINESS LAW	MARKETING/FINA NCE/HRM (PAPER II)



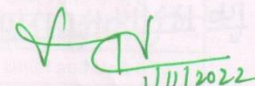
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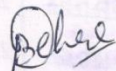
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CAREER COLLEGE BHOPAL
DEPARTMENT OF COMMERCE AND MANAGENT
TIME TABLE CCE


B.COM.& BBA III YEAR 2022 - 2023

Pattern of C.C.E. (Power Point Presentation)

CLASS	Subject	Syllabus given to the students under C.C.E.
B.Com. III Year All	Auditing	Unit I and Unit II
	Management Accounting	Unit I and Unit II
	Income Tax	Unit I and Unit II
	G.S.T and Custom Duty	Unit I and Unit II
	Economics Paper I	Unit I and Unit II
	Computer Paper I	Unit I and Unit II
	Taxation Paper I	Unit I and Unit II
	Tourism Paper I	Unit I and Unit II
	Office Management Paper I	Unit I and Unit II
	Insurance Paper I	Unit I and Unit II
	Advertisement Paper I	Unit I and Unit II
	Economics Paper II	Unit I and Unit II
	Computer Paper II	Unit I and Unit II
	Taxation Paper II	Unit I and Unit II
	Tourism Paper II	Unit I and Unit II
	Office Management Paper II	Unit I and Unit II
B.B.A. II YEAR	Insurance Paper II	Unit I and Unit II
	Advertisement Paper II	Unit I and Unit II
	Research Methodology	Unit I and Unit II
	Entrepreneurship Development	Unit I and Unit II
	Banking Law and Practice	Unit I and Unit II
	Management Information System	Unit I and Unit II
	Income Tax	Unit I and Unit II
	Business Environment	Unit I and Unit II
	G.S.T and Custom Duty	Unit I and Unit II
	Marketing Paper I	Unit I and Unit II
	Finance Paper I	Unit I and Unit II
	Human Resource Development Paper I	Unit I and Unit II
Marketing Paper II	Unit I and Unit II	
Finance Paper II	Unit I and Unit II	
Human Resource Development Paper II	Unit I and Unit II	


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CCE – 2022-23

Class: BBA I Year

Sub: Financial Accounting

Note: All the Questions are compulsory to attempt.

Que. 1 What is Accounting Cycle? Explain it briefly.

Que. 2 What do you understand by Double Entry System? What are Personal, Real and Nominal Accounts? Give a suitable example of each account. Explain the rules of Debit and Credit of each account.

Que. 3 Write the meaning of the Trial Balance. What errors are not disclosed by a Trial Balance? What is Suspense account.

Que. 4 Enters the following transactions in journal:

- (i) Started business with Capital 120000.
- (ii) Brought goods from X for rs. 6000 at 10% trade Discount and 2% cash Discount and paid 50% cash immediately.
- (iii) Sold goods costing Rs. 12000 to Y, issued invoice 20% above cost and allowed 10% trade discount.
- (iv) Goods sold for Rs. 16000 at 10% trade discount and 3% cash discount for cash.
- (v) Goods destroyed by fire of rs. 5000
- (vi) Goods given as a charity.
- (vii) Goods withdraw for personal use.
- (viii) Charges interest on capital @20% per annum on Rs. 120000

Que. 5 Prepare Trial balance from the following data:

Capital	70000
Building	80000
Machinery	30000
Loan	20000
Creditors	30000
Wages	10000
Salaries	15000
Bank Overdraft	20000
Rent	5000
Purchase	10000

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CCE
Class: BBA/B.Com I Year
Subject - NSS.
Session - 2022-23

पूर्णांक - 20

समय : 2 घंटा

Note: All the questions are compulsory .

सभी प्रश्न हल करना अनिवार्य है।

- Q. 1 Meaning of leadership and its type.
प्रश्न -1. नेतृत्व का अर्थ एवं प्रकार बताइये।
- Q. 2 Role of youth leadership and the important.
प्रश्न - 2. युवा नेतृत्व की भूमिका एवं महत्व को समझाइये।
- Q.3 Qualities of a Good leader and their traits.
प्रश्न - 3. अच्छे नेता के गुण एवं लक्षण बताइये ?
- Q. 4 What is national youth policy.
प्रश्न - 4. राष्ट्रीय युवा निति क्या होती है ?
- Q. 5 What is the purpose of forming a youth organisation.
प्रश्न - 4. युवा संगठन बनाने का उद्देश्य बतायें।
-

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Department of Commerce and Management

CCE

Class: BBA/ B.COMI year

Subject- PERSONALITY DEVELOPMENT

Session – 2022-23

नोट: सभी प्रश्न अनिवार्य हैं।

Q.1 What do you understand by success?

प्रश्न- सफलता से आप क्या समझते हैं ?

Q.2 How to manage your failures.

प्रश्न- अपनी असफलताओं को कैसे संभालें।

Q. 3 What are the factors that help one succeed.

प्रश्न- ऐसे कौन से कारक हैं जो किसी को सफल होने में मदद करते हैं।

Q. 4 Explain the process of SWAT analysis.

प्रश्न- SWAT विश्लेषण की प्रक्रिया की व्याख्या कीजिए।

Q.5 Define communication.

प्रश्न- संचार को परिभाषित कीजिए।

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DEPARTMENT OF COMMERCE AND MANAGEMENT
B.B.A. 1ST YEAR
BUSINESS STATISTICS
C.C.E. EXAMINATION 2022

Q.1 Define statistics. Explain limitation of statistics.

सांख्यिकीय को परिभाषित कीजिये और उस की सीमाओं का वर्णन कीजिये ।

Q.2 Explain difference between primary data and secondary data.

प्राथमिक और द्वितीयक समंक में अन्तर बताइए ।

Q.3 Describe the advantages and disadvantages of arithmetic mean, mode, median.

समान्तर माध्य, मध्यिका, बहुलक के गुण व दोषों का विस्तर से वर्णन कीजिये।

Q.4 Calculate the Arithmetic mean, median, mode from the following data.

समान्तर माध्य, मध्यिका, बहुलक ज्ञात कीजिये ।

Value (Rs)	10-20	10-30	10-40	10-50	10-60	10-70	10-80	10-90
No. of Student	4	16	56	97	124	137	146	150

Q.5 Define classification and tabulation.

वर्गीकरण और सारणीयन को समझाइये

कैरियर कॉलेज भोपाल

CCE एग्जामिनेशन

2022-23

फाउंडेशन कोर्स

प्रथम प्रश्न पत्र

हिंदी भाषा और नैतिक मूल्य

किसी एक टॉपिक पर पावर पॉइंट प्रेजेंटेशन पीपीटी (POWER POINT PRESENTATION) तैयार करके लाएं .

- 1) मेरे सहयात्री संस्मरण का सारांश .
- 2) मालवा निमाड़ और बुंदेलखंड की लोक कला .
- 3) लोकोक्तियों एवं मुहावरों का वर्गीकरण उदाहरण सहित .
- 4) जनसंचार माध्यम एवं उसके प्रकार और विशेषताएं।

Career College, Bhopal

Department of Commerce and Management

CCE

Class: BBA/ B.COM I year

Subject- NSS

Session – 2022-23

नोट: सभी प्रश्न अनिवार्य हैं।

Q.1 Explain about the Emblem sign of N.S.S.

एन.एस.एस. के प्रतीक चिन्ह के बारे में समझाइए।

Q.2 Illustrate regular activities of N.S.S.

एन.एस.एस की नियमित गतिविधियों पर प्रकाश डालिए।

Q. 3 What are the aims and objectives of N.S.S.

एन.एस.एस. के लक्ष्य और उद्देश्य क्या हैं।

Q. 4 What is the role of youth in society.

समाज में युवाओं की क्या भूमिका है।

Q.5 What are the grounds to adopt a village under N.S.S.

एन.एस.एस. के तहत गांव गोद लेने के क्या आधार हैं।

CAREER COLLEGE BHOPAL
DEPARTMENT OF COMMERCE AND MANAGEMENT
B.B.A. 1ST YEAR
BUSINESS STATISTICS
C.C.E. EXAMINATION 2022

Q.1 Define statistics. Explain limitation of statistics.

सांख्यिकीय को परिभाषित कीजिये और उस की सीमाओं का वर्णन कीजिये ।

Q.2 Explain difference between primary data and secondary data.

प्राथमिक और द्वितीयक समंक में अन्तर बताइए ।

Q.3 Describe the advantages and disadvantages of arithmetic mean, mode, median.

समान्तर माध्य, मध्यिका, बहुलक के गुण व दोषों का विस्तर से वर्णन कीजिये।

Q.4 Calculate the Arithmetic mean, median, mode from the following data.

समान्तर माध्य, मध्यिका, बहुलक ज्ञात कीजिये ।

Value (Rs)	10-20	10-30	10-40	10-50	10-60	10-70	10-80	10-90
No. of Student	4	16	56	97	124	137	146	150

Q.5 Define classification and tabulation.

वर्गीकरण और सारणीयन को समझाइये

CAREER COLLEGE BHOPAL
DEPARTMENT OF COMMERCE AND MANAGENT
TIME TABLE C.C.E.

B.COM.& BBA III YEAR 2022 - 2023

Pattern of C.C.E. (ASSIGNMENT VIVA-VOCE)

CLASS	20/03/2023	21/03/2023	23/03/2023	24/03/2023	25/03/2023
B.COM.III YEAR (ALL)	AUDITING	MANAGEMENT A/C	ECONOMICS/ COMPUTER/ TAXATION/ TOURISM/ OFFICE MGMT./ INSURANCE/ ADVERTISEMNET (PAPER I & II)	INCOME TAX	GST & CUSTOM DUTY
B.COM.III YEAR (HONS)	RESEARCH METHODOLOGY	BANKING LAW & PRACTICE	INCOME TAX	GST & CUSTOM DUTY	MANAGEMENT & COST A/C / HUMAN RESOURCE MGT.
3A III YEAR	E.D.	MGT. INFORMATION SYSTEM	BUSINESS ENVIRONMENT	MARKETING/FI NANCE/HRM (PAPER I & II)	BUSINESS LAW

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7/3/23

H.O.D

Dept. of Commerce & Management
Career College, Bhopal

Neel

DEAN

Dept. of Commerce & Management

VH

Principal

Career College, Bhopal

CAREER COLLEGE BHOPAL
DEPARTMENT OF COMMERCE AND MANAGENT
Time Table (CCE)
B.Com. & BBA II Year 2022 - 2023
Pattern of C.C.E. (P.P.T. Presentation)

CLASS	20/03/2023 Major I	21/03/2023 Major II	23/03/2023 Minor	24/03/2023 Elective	25/03/2023 Vocational
B.COM. II YEAR (ALL)	COST A/C	CORPORATE A/C	PRINCIPLE OF STATISTICS	CORPORATE LAW	E.- ACCOUNTING. WITH G.S.T.
				FIN. MARKET OPERATION	OFFICE PROCEDURE AND PRACTICE
				N.C.C./N.S.S.	PERSONALITY DEVELOPMENT
B.A. II YEAR	H.R.M.	ORGANIZATIONAL BEHAVIOUR	ORGANIZATIONAL BEHAVIOUR	ORGANIZATIONAL BEHAVIOUR	DIGITAL MARKETING
	MARKETING RESEARCH	MARKETING RESEARCH	MARKETING RESEARCH	MARKETING RESEARCH	
	FINANCIAL MANAGEMENT	FINANCIAL MARKET AND FINANCIAL SERVICES	FINANCIAL MARKET AND FINANCIAL SERVICES	FINANCIAL MARKET AND FINANCIAL SERVICES	WEB DESIGNING E.- ACCOUNTING. WITH G.S.T. OFFICE PROCEDURE AND PRACTICE PERSONALITY DEVELOPMENT
				WEB DESIGNING	

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H.O.D. 17/3/23

H.O.D.
Dept. of Commerce & Management
Dept. of Commerce & Mgt.
Career College, Bhopal

DEAN

Dept. of Commerce & Management

V.K.L.

Principal

Career College, Bhopal

CAREER COLLEGE BHOPAL
DEPARTMENT OF COMMERCE AND MANAGEMENT
TIME TABLE (CCE) 2022 - 2023
B.COM. & BBA I YEAR
Pattern of C.C.E. (Poster Presentation)

CLASS	20/03/2023 Major I	21/03/2023 Major II	23/03/2023 Minor	24/03/2023 Elective	25/03/2023 (Vocational)
B.COM. I YEAR (ALL)	FINANCIAL A/C	BUSINESS REGULATORY FRMAEWORK	BUSINESS ORG. & COMMUNICATIO N	BANKING AND INSURANCE	E.- ACCOUNTING. WITH G.S.T.
				NCC/NSS	OFFICE PROCEDURE AND PRACTICE
				FUNDAMENTAL OF COMPUTER	PERSONALITY DEVELOPMENT
				M.S. OFFICE	DIGITAL MARKETING
				COMMUNICATIVE ENGLISH	WEB DESIGNING
				ECONOMICS	
B.B.A. I YEAR	BUSINESS MGMT.	COMMUNICATIN SKILLS	COMMUNICATIO N SKILLS	NCC/NSS	E.- ACCOUNTING. WITH G.S.T.
				FUNDAMENTAL OF COMPUTER	OFFICE PROCEDURE AND PRACTICE
			M.S. OFFICE	PERSONALITY DEVELOPMENT	
	FINANCIAL A/C	BUSINESS MATHS	BUSINESS MATHS	COMMUNICATIVE ENGLISH	DIGITAL MARKETING
					WEB DESIGNING

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Principal

Dept. of Commerce & Management
 Dept. of Commerce & Management
 Career College, Bhopal

Dept. of Commerce & Management

Career College, Bhopal

DEPARTMENT OF COMMERCE AND MANAGEMENT

B.Com. III Year Vocation, C.C.E. 2 Attendance Sheet /22 - 2023)

No	Name of the Student	DATE		Mgmt. A/c	Adv/ Ins/ OMI/ Tour/ Tax Paper I	23-03-2023 Adv/ Ins/ OMI/ Tour/ Tax Paper I	24/3/23 Income Tax	25/3/23 G.S.T. and Custom Duty
		20/3/23	21/3/23					
1	ABHAY SHARMA (ADV.)							
2	SATYRAT YADAV (ADV.)							
3	VARUN MOHANKAR (ADV.)							
4	JAHANZEB ALI (INS.)							
5	NEEL C SHRIVAS (INS.)							
6	ROHIT JAT (INS.)							
7	ROHIT CHOUHAN (INS.)							
8	ABHISHEK VISHWAKARMA (OM)							
9	KEDARNATH CHATURVEDI (OM)							
10	PRASHANT ROY (OM)							
11	TASLEEM KHAN (OM)							
12	ASHISH PATEL (TOUR)							
13	DINESH RAJPUT (TOUR)							
14	MOHSIN MOHAMMAD (TOUR)							
15	MAHIMA CHOUDHARY (TOUR)							
16	AKARSH WAGELA (Tax)							
17	AWADH BANSAL (Tax)							
18	AYUSH YADAV (Tax)							
19	BIPASHU V KURSANGE (Tax)							
20	KARTIK SASODKAR (Tax)							
21	KRATI BIJEWAR (Tax)							
22	MANSI NITIN SHIMPI (Tax)							
23	PARAMJEET MISHRA (Tax)							
24	PIYUSH MODI (Tax)							
25	PRIYAL DASHORE (Tax)							
26	PRIYANSH SHARMA (Tax)							
27	RAJ BICHHELE (Tax)							
28	RAJESH MARMAT (Tax)							
29	SHIVANGI PATWA (Tax)							
30	SNEHA SOLANKI (Tax)							
31	SUYASH KUMAR PATHAK (Tax)							
32	ZOYA ALI (Tax)							
33	TOTAL PRESENT							

61	YASH SHARMA	PRAKASH CHAND SHARMA	Yash Sharma	Prakash Sharma	Prakash Sharma	Prakash Sharma	Prakash Sharma	Prakash Sharma	Prakash Sharma	Prakash Sharma	Prakash Sharma	Prakash Sharma
62	RICHA CHOUHAN	RAJEEV CHOUHAN	Richa	Rajeev	Richa	Rajeev	Richa	Rajeev	Richa	Rajeev	Richa	Rajeev

63 Ayushi Shivastava Atul Kant Atul Kant Atul Kant Atul Kant Atul Kant Atul Kant Atul Kant Atul Kant Atul Kant Atul Kant Atul Kant Atul Kant

Total = 59 Students (Bcom. 4th yr.)

Ex Students = Nil

Ex Student in Bcom. 4th yr. = 03

- Pinnu Pillai
- Mohd. Tohid Khan
- Asmita Patidar

No	DATE	Name of the Student	20/3/23 RESEARCH METHODOLOGY	21/3/23 Mgmt Banking Glaw & PRACTICE. A/c	23-03-2023 INCOME TAX	24/4/23 GST & CUSTOM DUTY	25/3/23 MANAGEMENT & COST A/C/	25/3/23 HUMAN RESOURCE MGT.
21		MADHURI BARASKAR	Madhuri	Madhuri	Madhuri	Madhuri	Madhuri	Madhuri
22		MUSKAN SONI	Muskan	Muskan	Muskan	Muskan	Muskan	Muskan
23		NIDHI PANDEY	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi
24		PRACHITI SONI	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi
25		PRAKHAR KESHORE	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi
26		PRANAV SHARMA	Prachi	Prachi	Prachi	Prachi	Prachi	Prachi
27		REETESH RAI	Reetesh	Reetesh	Reetesh	Reetesh	Reetesh	Reetesh
28		SAKSHI SONI	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi
29		SANDHYA SHAH	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya
30		SANJAY SINGH	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay
31		SHEIKH IRSHAD	Irshad	Irshad	Irshad	Irshad	Irshad	Irshad
32		SHREYANSH KUMAR SHRIVASTAVA	Shreyansh	Shreyansh	Shreyansh	Shreyansh	Shreyansh	Shreyansh
33		SHUBHAM SONI	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham
34		SUJATA SHAH	Sujata	Sujata	Sujata	Sujata	Sujata	Sujata
35		VIDHI KOLIHE	Vidhi	Vidhi	Vidhi	Vidhi	Vidhi	Vidhi
36								
		TOTAL PRESENT						
		SIGNATURE OF TEACHER						

24	INDRANEEL SINGH CHAUHAN	PRAKASH SINGH CHAUHAN	<u>Prakash</u>	<u>Prakash</u>	<u>Prakash</u>	<u>Prakash</u>	<u>Prakash</u>	<u>Prakash</u>	<u>Prakash</u>	<u>Prakash</u>	<u>Prakash</u>	<u>Prakash</u>	<u>Prakash</u>	<u>Prakash</u>	<u>Prakash</u>	<u>Prakash</u>	<u>Prakash</u>	<u>Prakash</u>
25	KANAK UPADHYAY	ASHUTOSH SURESH UPADHYAY	Kanaka	<u>Kanaka</u>	<u>Kanaka</u>	<u>Kanaka</u>	<u>Kanaka</u>	<u>Kanaka</u>	<u>Kanaka</u>	<u>Kanaka</u>	<u>Kanaka</u>	<u>Kanaka</u>	<u>Kanaka</u>	<u>Kanaka</u>	<u>Kanaka</u>	<u>Kanaka</u>	<u>Kanaka</u>	<u>Kanaka</u>
26	KARTIK PATEL	RAJMANI PATEL																
27	KARTIKEY SHRIVASTAVA	BHARAT SHRIVASTAVA	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>
28	KHAGENDRA BAHADUR GURUNG	KRISHNA BAHADUR GURUNG	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>	<u>Ka</u>
29	KRISHANK YADAV	RAM SAJEEVAN YADAV	<u>Rajadav</u>	<u>Rajadav</u>	<u>Rajadav</u>	<u>Rajadav</u>	<u>Rajadav</u>	<u>Rajadav</u>	<u>Rajadav</u>	<u>Rajadav</u>	<u>Rajadav</u>	<u>Rajadav</u>	<u>Rajadav</u>	<u>Rajadav</u>	<u>Rajadav</u>	<u>Rajadav</u>	<u>Rajadav</u>	<u>Rajadav</u>
30	MOHAMMAD TOHID KHAN	ABDUL HYEY KHAN																
31	MOHIT SINGH	BHIKAM SINGH	<u>Mohit</u>	<u>Mohit</u>	<u>Mohit</u>	<u>Mohit</u>	<u>Mohit</u>	<u>Mohit</u>	<u>Mohit</u>	<u>Mohit</u>	<u>Mohit</u>	<u>Mohit</u>	<u>Mohit</u>	<u>Mohit</u>	<u>Mohit</u>	<u>Mohit</u>	<u>Mohit</u>	<u>Mohit</u>
32	NAMAN SINGH PHOGAT	MALKEET SINGH PHOGAT	<u>Naman</u>	<u>Naman</u>	<u>Naman</u>	<u>Naman</u>	<u>Naman</u>	<u>Naman</u>	<u>Naman</u>	<u>Naman</u>	<u>Naman</u>	<u>Naman</u>	<u>Naman</u>	<u>Naman</u>	<u>Naman</u>	<u>Naman</u>	<u>Naman</u>	<u>Naman</u>
33	NEELAM RAJPUT	MOR SINGH RAJPUT	<u>Neelam</u>	<u>Neelam</u>	<u>Neelam</u>	<u>Neelam</u>	<u>Neelam</u>	<u>Neelam</u>	<u>Neelam</u>	<u>Neelam</u>	<u>Neelam</u>	<u>Neelam</u>	<u>Neelam</u>	<u>Neelam</u>	<u>Neelam</u>	<u>Neelam</u>	<u>Neelam</u>	<u>Neelam</u>
34	PAYAL KATIYAR	SHAIENDR A KATIYAR	<u>Payal</u>	<u>Payal</u>	<u>Payal</u>	<u>Payal</u>	<u>Payal</u>	<u>Payal</u>	<u>Payal</u>	<u>Payal</u>	<u>Payal</u>	<u>Payal</u>	<u>Payal</u>	<u>Payal</u>	<u>Payal</u>	<u>Payal</u>	<u>Payal</u>	<u>Payal</u>
35	PRINCE PILLAI	RAJAN PILLAI																

Exam

III yr

Not eligible for

Not eligible for

Not eligible for

Not eligible for

Not eligible for

Not eligible for

Not eligible for

Not eligible for

Exam

III yr

Not eligible for

Not eligible for

Not eligible for

Not eligible for

Not eligible for

Not eligible for

Not eligible for

Not eligible for

Sl. No.	DATE	Name of the Student	20/3/23	21/3/23	23-03-2023			24/3/23	25/3/23
			Auditing	Mgmt. Ac	Economics Optional Paper (Public Finance) Group A Paper I	Economics Optional Paper (Principles of Mkt.) Group B Paper I	Economics Optional Paper (E Commerce) Group C Paper I	Economics Optional Paper (Org, Theory and Beh.) Group D	Income Tax
30		NAMAN SINGH PHOGAT	Naman	Naman	Naman	Naman	Naman	Naman	Naman
31		NEELAM RAJPUT	Neelam	Neelam	Neelam	Neelam	Neelam	Neelam	Neelam
32		PAYAL KATIYAR	Payal	Payal	Payal	Payal	Payal	Payal	Payal
33		PRINCE PILLAI	Prince	Prince	Prince	Prince	Prince	Prince	Prince
34		RAHUL GUPTA	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul
35		RAJ PAL	Raj	Raj	Raj	Raj	Raj	Raj	Raj
36		RAJENDRA KAURAV	Rajendra	Rajendra	Rajendra	Rajendra	Rajendra	Rajendra	Rajendra
37		RICHA CHOUHAN	Richa	Richa	Richa	Richa	Richa	Richa	Richa
38		RITIK MEENA	Ritik	Ritik	Ritik	Ritik	Ritik	Ritik	Ritik
39		RITIK RAJORE	Ritik	Ritik	Ritik	Ritik	Ritik	Ritik	Ritik
40		RITIK VERMA	Ritik	Ritik	Ritik	Ritik	Ritik	Ritik	Ritik
41		SACHIN THAKUR	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin
42		SAIF KHAN	Saif	Saif	Saif	Saif	Saif	Saif	Saif
43		SAKSHI TIRKEY	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi
44		SALONI KHATURIYA	Saloni	Saloni	Saloni	Saloni	Saloni	Saloni	Saloni
45		SANJAY PATEL	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay
46		SANSKAR SINGH RAJPUT	Sanskar	Sanskar	Sanskar	Sanskar	Sanskar	Sanskar	Sanskar
47		SARTHAK SUHAS	Sarthak	Sarthak	Sarthak	Sarthak	Sarthak	Sarthak	Sarthak
48		SHASHANK YADAV	Shashank	Shashank	Shashank	Shashank	Shashank	Shashank	Shashank
49		SIDDHI JAIN	Siddhi	Siddhi	Siddhi	Siddhi	Siddhi	Siddhi	Siddhi
50		SOMENDRA SINGH	Somendra	Somendra	Somendra	Somendra	Somendra	Somendra	Somendra
51		SOMYA WAGADRE	Somya	Somya	Somya	Somya	Somya	Somya	Somya
52		SPANDAN MAJUMDAR	Spandan	Spandan	Spandan	Spandan	Spandan	Spandan	Spandan
53		SURYANSH SHARMA	Suryansh	Suryansh	Suryansh	Suryansh	Suryansh	Suryansh	Suryansh
54		TANYA ARTWANI	Tanya	Tanya	Tanya	Tanya	Tanya	Tanya	Tanya
55		UDAY KUMAR RAHANGDALE	Uday	Uday	Uday	Uday	Uday	Uday	Uday
56		UJJWAL SINGH	Ujjwal	Ujjwal	Ujjwal	Ujjwal	Ujjwal	Ujjwal	Ujjwal
57		VINEET KUMAR PANDEY	Vineet	Vineet	Vineet	Vineet	Vineet	Vineet	Vineet
58		YASH KAUSHAL	Yash	Yash	Yash	Yash	Yash	Yash	Yash
59		YASH SHARMA	Yash	Yash	Yash	Yash	Yash	Yash	Yash
60		Ayushi Shrivastava	Ayushi	Ayushi	Ayushi	Ayushi	Ayushi	Ayushi	Ayushi
61		TOTAL PRESENT							
		SIGNATURE OF TEACHER							

CAREER COLLEGE, BHOPAL
DEPARTMENT OF COMMERCE AND MANAGEMENT

B.Com. III Year Computer Application, C.C.E. 2 Attendance (2022 - 2023)

S. No	DATE	20/3/23	21/3/23	23-03-2023	23-03-2023	24/3/23	25/3/23
Name of the Student	Auditing	Mgmt. A/c	Computer Paper 1	Computer Paper 2	Income Tax	G.S.T. and Custom Duty	
1	AARTI JAISWAL	Aarti	Aarti	Aarti	Aarti	Aarti	Aarti
2	ABBAS HUSSAIN	Abbas	Abbas	Abbas	Abbas	Abbas	Abbas
3	ABHAY	Abhay	Abhay	Abhay	Abhay	Abhay	Abhay
4	ADITYA BHARGAVA	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya
5	ADITYA SHARMA	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya
6	AJAY GOSWAMI	Ajay	Ajay	Ajay	Ajay	Ajay	Ajay
7	AKASH MISHRA	Akash	Akash	Akash	Akash	Akash	Akash
8	ANSHUL PARMAR	Anshul	Anshul	Anshul	Anshul	Anshul	Anshul
9	ANURAG SINGH	Anurag	Anurag	Anurag	Anurag	Anurag	Anurag
10	ANUSHREE CHAUHAN	Anushree	Anushree	Anushree	Anushree	Anushree	Anushree
11	APOORV KHARE	Apoorv	Apoorv	Apoorv	Apoorv	Apoorv	Apoorv
12	AYUSH KALMODIA	Ayush	Ayush	Ayush	Ayush	Ayush	Ayush
13	CHANCHAL GUPTA	Chanchal	Chanchal	Chanchal	Chanchal	Chanchal	Chanchal
14	CHANCHAL THAKRE	Chanchal	Chanchal	Chanchal	Chanchal	Chanchal	Chanchal
15	DEEPAK LODHI	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak
16	GAURAV GUPTA	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav
17	GAUTAM SINGH	Gautam	Gautam	Gautam	Gautam	Gautam	Gautam
18	GOURAV PAHUJA	Gourav	Gourav	Gourav	Gourav	Gourav	Gourav
19	HARSH SETHI	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh
20	HARSHIT MISHRA	Harshit	Harshit	Harshit	Harshit	Harshit	Harshit
21	HRIK NICALSON	Hrik	Hrik	Hrik	Hrik	Hrik	Hrik
22	KANAK SINGH	Kanak	Kanak	Kanak	Kanak	Kanak	Kanak
23	KHUSHI SAHU	Khushi	Khushi	Khushi	Khushi	Khushi	Khushi
24	KRITIKA MALVIYA	Kritika	Kritika	Kritika	Kritika	Kritika	Kritika
25	LALIT KUMAR	Lalit	Lalit	Lalit	Lalit	Lalit	Lalit
26	MAYANK PATEL	Mayank	Mayank	Mayank	Mayank	Mayank	Mayank
27	MAYANK PRAJAPATI	Mayank	Mayank	Mayank	Mayank	Mayank	Mayank
28	NIKHIL SINGH	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil
29	NIKHIL TIWARI	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil
30	PARAS JAIN	Paras	Paras	Paras	Paras	Paras	Paras
31	PIYUSH KUMAR	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush
32	PRASSAN RAIKWAR	Prassan	Prassan	Prassan	Prassan	Prassan	Prassan

Shubham
Rai Khosla

DEPARTMENT OF PHYSIOTHERAPY

CAREER COLLEGE
DEPARTMENT OF PHYSIOTHERAPY
SESSION 2022-2023
MOCK EXAM

This is to inform all BPT I, II, III, IV year students that your mock exams are scheduled to commence from following dates:

Time: 11:00 Am -2:00 Pm

Dates	Ist Year	II nd Year	III rd Year	IV th Year
26/12/2022	Human Anatomy	Pathology & Microbiology	Orthopaeadics	Community PT, Rehabilitation & Disability prevention
27/12/2022	Human Physiology	Biochemistry & Pharmacology	Physiotherapeutic in Orthopaedic Conditions	Research methodology & Biostatics
28/12/2022	Fundamental of Physics, Biomechanics & Biomechanical Modalities	Medicine including Pediatrics & Geriatrics	Applied Biomechanics & Kinesiology	Cardiothoracic diseases and surgeries
29/12/2022	Fundamental of Medical Electronics & principles of Bioelectrical Modalities	General Surgery, Obstetrics & Gynecology	Physical Evaluation, Diagnosis & Prescription	Physiotherapeutic in General & Cardiothoracic Conditions
30/12/2022	Psychology & Sociology	Exercise therapy including yoga	Neurology including Psychiatry & Neurosurgery	Sports Physiotherapy
31/12/2022		Electrotherapy	Physiotherapeutic in Neurology & Neurosurgery	PT Ethics, management & Administration

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PRINCIPAL

CAREER COLLEGE
DEPARTMENT OF PHYSIOTHERAPY
B.P.T. Ist YEAR (2022-23)
MOCK EXAM II
SUBJECT : - HUMAN ANATOMY

TIME: - 3 hours

Maximum Marks: - 100

Draw diagrams wherever necessary.

SECTION A

- Q.1 Write the anatomy of ankle joint. 15
- Q.2. What is Lumbar plexus ? Explain it.. 15
- Q.3. Write short notes on- (4*5= 20)
- i. Temporomandibular joint
 - ii. Diaphragm
 - iii. Cochlear apparatus
 - iv. Facial nerve

SECTION B

- Q.1. Describe origin,insertion,nerve supply & action of following muscles. 15
- i. Quadriceps femoris
 - ii. Ocular muscles
 - iii. Biceps femoris
 - iv. ECRS
- Q.2. Write the anatomy of liver. 15
- Q.3. Write short notes on- (4*5= 20)
- i. Kidneys
 - ii. Muscles of mastication
 - iii. Descending tract
 - iv. Cubital fossa


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CAREER COLLEGE
DEPARTMENT OF PHYSIOTHERAPY
B.P.T. 1st YEAR MOCK EXAM
2022-23

SUBJECT :PHYSIOLOGY TIME: - 3 hours
Maximum Marks: - 100

ATTEMPT ALL QUESTIONS [10*2=20]

1. Sarcomere
2. Homeostasis.
3. ESR.
4. Rouleax Formation.
5. All or None Law.
6. Vital Capacity
7. Compliance
8. Define Cardiac Output
9. Neurons And Neuroglial Cells.
10. STROKE VOLUME

ATTEMPT ANY EIGHT QUESTIONS [5*8=40]

1. Properties Of Nerves.
2. Conduction Across A Nerve Fibre
3. Cardiac cycle.
4. Factors affecting BP
5. Classification of muscles
6. Regulation of heart rate
7. Heart sounds

ATTEMPT ANY TWO QUESTIONS [15*2=30]

1. Define Immunity And Role Of Blood Cells In Immunity.
2. Describe Lung volumes and capacities with labeled diagram


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DEPARTMENT OF PHYSIOTHERAPY
B.P.T. I YEAR (2022-23)
Mock Exam
SUBJECT : Fundamental of Medical Electronics & principles
of Bioelectrical Modalities

I Very short answer questions(2 marks each)


- i. a. 2 difference between AC and DC currents
- b. Chronaxae & Rheobase
- c. Clover leaf pattern
- d. Iontophoresis
- e. Bound and free electrons
- f. Capacitors
- g. AMF
- h. Pulsed mark :space ratio
- i. Ohms Law
- j. Attenuation

II Short answer questions:- (10 marks each)(any 5)

- a. Explain the types of capacitor with application of each in physiotherapy department
- b. Explain diode and triode valves with application in physiotherapy
- c. Explain the production of ultrasound along with contraindications
- d. Write the therapeutic effects of faradic currents along with the dangers of application of low frequency currents
- e. Explain the production of microwaves along with its contraindication
- f. Explain the different modes of TENS

III Essay type questions:- (15 marks each)(any 2)

- a. Explain the effects of high frequency currents on tissues. Explain the contraindications of faradic currents.
- b. Explain electric shock. Write the causes of shock and methods of prevention of electric shock
- c. Explain the mechanism of development of action potential.


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CAREER COLLEGE
DEPARTMENT OF PHYSIOTHERAPY
B.P.T. IYEAR II MOCK EXAM AUGUST 2022-23
SOCIOLOGY

TOTAL HOURS: 1.5 HRS

MAXMARKS: 50

SECTION -A

NOTE: Attempt any five Question. Each question carry equal marks. $2*5=20$

- Q1. What is the meaning of sociology?
- Q2. Anthropology
- Q3 Types of Questionnaire
- Q4. Meaning of culture
- Q5 Classification of community
- Q6. Define Socialization

Attempt any 2 Question $10*2=20$

- Q1. Agencies of socialization
- Q2. Characteristics of Family
- Q3. Causes of juvenile delinquency

Attempt any 1 Question

$15*1=15$ marks

- Q1. What is the meaning of suicide. Define it according to Emil Durkheim and discuss causes of suicide
- Q2. What is the meaning of prostitution. and define and discuss its causes

SECTION-B
PSYCHOLOGY

TIME:1.5 HRS

MAX MARKS:50

Long answer type questions: attempt any 3

- Q1. Explain development and growth of behavior in infancy and childhood.
- Q2. Explain theories of intelligence
- Q3. What is motivation ? Explain types of motivation
- Q4. Give the complete picture of mind as a conscious-unconscious whole.
- Q5. What is Schizophrenia? Write a brief note on characteristics and types of Schizophrenia.
- Q6. Discuss in details various determinants of personality.

Short answer type questions (attempt any 4):

- a Principles of development.
- b Maslow's theory of learning
- c. Illusion and hallucination
- d. Components of memory
- e. Scope of clinical psychology
- f. Psychosis
- g. Dissociate disorder
- h. Types of counselling


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CAREER COLLEGE
DEPARTMENT OF PHYSIOTHERAPY
B.P.T. 1st YEAR MOCK EXAM
2022-23

SUBJECT :Biomechanical modality

TIME: - 3 hours

Maximum Marks: - 100

ATTEMPT ALL QUESTIONS [10*2=20]


1. Sarcomere
2. Homeostasis.
3. ESR.
4. Rouleax Formation.
5. All or None Law.
6. Vital Capacity.
7. Compliance
8. Define Cardiac Output
9. Neurons And Neuroglial Cells.
10. STROKE VOLUME

ATTEMPT ANY EIGHT QUESTIONS [5*8=40]

1. Properties Of Nerves.
2. Conduction Across A Nerve Fibre
3. Cardiac cycle.
4. Factors affecting BP
5. Classification of muscles
6. Regulation of heart rate
7. Heart sounds

ATTEMPT ANY TWO QUESTIONS [15*2=30]

1. Define Immunity And Role Of Blood Cells In Immunity.
2. Describe Lung volumes and capacities with labeled diagram
3. Define Immunity And Role Of Blood Cells In Immunity.
4. Describe Lung volumes and capacities with labeled diagram

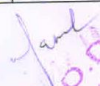

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Career College, Bhopal
Department of Physiotherapy
BPT First Year Mock Examination December-2022-2023
Attendance Sheet

		26/12/2022	27/12/2022	28/12/2022	29/12/2022	30/12/2022
S.no.	Name of Student	Human Anatomy	Human Physiology	Fundamental of Physics, Biomechanics & Biomechanical Modalities	Fundamental of Medical Electronics & principles of Bioelectrical Modalities	Psychology & Sociology
1.	NIDHI KUMARI	P	P	P	P	P
2.	PRIYAL NAGAR	P	P	P	P	P
3.	TANYA SANI	P	P	P	P	P
4.	URVASHI SINGH	P	P	P	P	P
5.	ANSHDHA SHUKLA	P	P	P	P	P
6.	BINDU BHATIA	P	P	P	P	P
7.	MAYURI AHIRWAR	P	P	P	P	P
8.	CHANCHAL MEHTO	P	P	P	P	P
9.	RUPALI RAHAT	P	P	P	P	P
10.	PRAGYA SHRIWASTAWA	P	P	P	P	P
11.	MEEMANSHA RAIKWAR	P	P	P	P	P
12.	JANVI PANDEY	P	P	P	P	P
13.	BHUMIKA PATIL	P	P	P	P	P
14.	NANCY MISHRA	P	P	P	P	P
15.	IRFAN AHMAD	P	P	P	P	P
16.	SALIL KUMAR KIRAR	P	P	P	P	P
17.	PINKY PANDIT	P	P	P	P	P

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18.	YASHI SAHU	P	P	P	P	P
19.	AASTHA BHATARE	P	P	P	P	P
20.	ABHISHEK KUMAR	P	P	P	P	P
21.	MADHURI PATEL	P	P	P	P	P
22.	HARSHITA PATEL	P	P	P	P	P
23.	OJASWINI GARG	P	P	P	P	P
24.	JAZA KHAN	.				
25.	VAISHALI SHAHKURE	P	P	P	P	P
26.	NEHA SINGH	P	P	P	P	P
27.	SAMEEKSHA BISEN	P	P	P	P	P
28.	RITIK TIWARI	P	P	P	P	P
29.	RADHIKA BHARGAW	P	P	P	P	P
30.	SAMMAN GIRI	P	P	P	P	P
31.	PRIYANSHU MISHRA	P	P	P	P	P
32.	NEHA MISHRA	P	P	P	P	P
33.	ABDULLAH SUBHANI	P	P	P	P	P
34.	ABHISHEK BHAVSAR	P	P	P	P	P
35.	GEETANJALI TIWARI	P				
36.	NISHU MEHRA	P	P	P	P	P
37.	PRAGTI SIMOLIYA	P	P	P	P	P
38.	JASPREET KAUR	P	P	P	P	P
39.	MUDIT PANDEY	P	P	P	P	P


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40.	HIMANSHU PAWAR	P	P	P	P	P
41.	DAMINI JOSHI	P	P	P	P	P
42.	DIPAK	P	P	P	P	P
43.	SNEHA SHIVHARE	P	P	P	P	P
44.	AZAD KHAN	.				

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**CAREER COLLEGE
DEPARTMENT OF PHYSIOTHERAPY
B.P.T. II YEAR MOCK EXAM 2022-23**

GENERAL SURGERY, OBSTETRICS & GYNECOLOGY

TOTAL HOURS: 3 HRS

MAXMARKS: 80

SECTION –A (40)

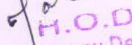
Note: Attempt all the questions.

- Q1. Very Short Answer type Question . (50-60 words)(5x2=10)
- a) Wounds
 - b) Ulcers
 - c) Carbuncles
 - d) Boils
 - e) Types of general anesthesia
- Q2. Short Answer Type Questions (250-300 words)(2x8=16)
- a) Explain nephrectomy & its indications
 - b) Define incisional hernia & its prevention
- Q3. Essay type Question (450-500 words) (1x14=14)
- A) Define plastic surgery & skin grafting along with its PT management

SECTION –B (40)

Note: Attempt all the questions.

- Q1. Very Short Answer type Question. (50-60 words)(5x2=10)
- a) Menstruation
 - b) Pelvic Pain
 - c) Urinary incontinence
 - d) PID
 - e) Birth control Measure
- Q2. Short Answer Type Questions (250-300 words)(2x8=16)
- a) Briefly describe physiological changes during pregnancy
 - b) Give a review of malignancies & infertility
- Q3. Essay type Question (450-500 words) (1x14=14)
- a) Explain prolapse of uterus causes of urinary incontinence & describe kegal exercise


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**CAREER COLLEGE
DEPARTMENT OF PHYSIOTHERAPY
B.P.T. II YEAR MOCK EXAM 2022-23**

PATHOLOGY & MICROBIOLOGY

MAXMARKS: 80

TOTAL HOURS: 3 HRS

SECTION –A PATHOLOGY(40)


Note: Attempt all the questions.

- Q1. Very Short Answer type Question . (50-60 words)(5x2=10)
- a) Cell injury
 - b) Necrosis
 - c) Edema
 - d) Anemia
 - e) COPD
- Q2. Short Answer Type Questions (250-300 words)(2x8=16)
- a) Aims & objectives of study of pathology
 - b) Brief concepts of inflammation & repair along with vascular phenomena
- Q3. Essay type Question (450-500 words) (1x14=14)
- a) Describe in brief about bronchiectasis in reference with pulmonary tuberculosis

SECTION –B MICROBIOLOGY(40)

Note: Attempt all the questions.

- Q1. Very Short Answer type Question. (50-60 words)(5x2=10)
- a) Name gram positive bacilli
 - b) Define Mycology
 - c) Immunity
 - d) Classification of microorganism
 - e) Sterilization
- Q2. Short Answer Type Questions (250-300 words)(2x8=16)
- a) Describe Virology along with brief description of polio virus
 - b) Pathogenesis of hepatitis B along with its prevention
- Q3. Essay type Question (450-500 words) (1x14=14)
- A) describe in brief about relationship of microbiology with diseases of bones , joints, muscles & burns


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**CAREER COLLEGE
DEPARTMENT OF PHYSIOTHERAPY
B.P.T. II YEAR MOCK EXAM 2022-23**

GENERAL SURGERY, OBSTETRICS & GYNECOLOGY

MAXMARKS: 80

TOTAL HOURS: 3 HRS

SECTION -A (40)

Note: Attempt all the questions.

- Q1. Very Short Answer type Question . (50-60 words)(5x2=10)
- a) Wounds
 - b) Ulcers
 - c) Carbuncles
 - d) Boils
 - e) Types of general anesthesia
- Q2. Short Answer Type Questions (250-300 words)(2x8=16)
- a) Explain nephrectomy & its indications
 - b) Define incisional hernia & its prevention
- Q3. Essay type Question (450-500 words) (1x14=14)
- A) Define plastic surgery & skin grafting along with its PT management

SECTION -B (40)

Note: Attempt all the questions.

- Q1. Very Short Answer type Question. (50-60 words)(5x2=10)
- a) Menstruation
 - b) Pelvic Pain
 - c) Urinary incontinence
 - d) PID
 - e) Birth control Measure
- Q2. Short Answer Type Questions (250-300 words)(2x8=16)
- a) Briefly describe physiological changes during pregnancy
 - b) Give a review of malignancies & infertility
- Q3. Essay type Question (450-500 words) (1x14=14)
- a) Explain prolapse of uterus causes of urinary incontinence & describe kegal exercise


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B.P.T. II YEAR MOCK EXAM 2022-23**

BIOCHEMISTRY & PHARMACOLOGY

TOTAL HOURS: 3 HRS

MAXMARKS: 80

SECTION –A BIOCHEMISTRY (40)

Note: Attempt all the questions.

- Q1. Very Short Answer type Question . (50-60 words)(5x2=10)
- a) Balance Diet
 - b) General Function of carbohydrate
 - c) Fatty Liver
 - d) What is HDL
 - e) Muscle contraction
- Q2. Short Answer Type Questions (250-300 words)(2x8=16)
- a) Explain Glycolysis&Glycogen metabolism
 - b) General reactions of Amino acids along with urea cycle.
- Q3. Essay type Question (450-500 words) (1x14=14)
- A) Define Vitamins under followings headings
 - a) Its Classification &functions
 - b) Dietary source
 - c) Daily requirements
 - d) Deficiency

SECTION –B PHARMACOLOGY (40)

Note: Attempt all the questions.

- Q1. Very Short Answer type Question. (50-60 words)(5x2=10)
- a) Define Pharmacology
 - b) Routs of drug administration
 - c)Classification of NSAID'S\
 - d) Diabetes Militias
 - e) Drug used in Cardiac Failure
- Q2. Short Answer Type Questions (250-300 words)(2x8=16)
- a) Describe anesthetic agent its uses& side effects
 - b) List antiepileptic drugs its uses & side effects
- Q3. Essay type Question (450-500 words) (1x14=14)
- a) Explain Broad spectrum drugs along with its Pharmacokinetics &pharmacodynamics

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CAREER COLLEGE
DEPARTMENT OF PHYSIOTHERAPY
B.P.T. II YEAR (2022-2023) MOCK EXAM
Attendance

SN O.	NAME	PHARMACOLOGY & BIO-CHEMISTRY	PATHOLOGY & MICROBIOLOGY	GENERAL MEDICINE	ORTHOPEDICS	ELECTROTHERAPY	OBS.&GYNI.SURGER,ENT.OPHTHALOLOGY	EXERCISTHERAPY &YOGA
1.	Parul	Present	Present	Present	Present	Present	Present	Present
2.	Babbita	Present	Present	Present	Present	Present	Present	Present
3.	Abhijeet	Present	Present	Present	Present	Present	Present	Present
4.	Mehrosh	Present	Present	Present	Present	Present	Present	Present
5.	Iritika	Present	Present	Present	Present	Present	Present	Present
6.	Chandrika	Present	Present	Present	Present	Present	Present	Present
7.	Yash	Present	Absent	Absent	Present	Present	Present	Present

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CAREER COLLEGE, BHOPAL
DEPARTMENT OF PHYSIOTHERAPY
B.P.Th. THIRD YEAR EXAMINATION DECEMBER-2022-23
Subject – Applied Biomechanics & Kinesiology

Time: 3 Hours
Instructions :-

Maximum marks: 100

- All the questions are compulsory to answer.
- Draw diagram wherever necessary.
- Answer of question and sub question must be written strictly according to the serial order of question paper.

Section – A

Ques. No. 1 very short answer the question (50-60 words)

2X10=20

1.	End-feel
2.	Carrying angle
3.	Anatomical pulley and its role in movement
4.	LOG
5.	Q-angle
6.	Load-deformation curve
7.	Kinetics and Kinematics
8.	Centre of Mass
9.	Linear and Angular equilibrium
10.	Motion

Section – B

Ques. No. 2 Short Answer the question (250-300 words)

10X5= 50

1.	Scapulohumeral rhythm with diagram
2.	Active and Passive insufficiency with examples
3.	Write short notes on : (a) what adaptation occur in skeletal muscles in aging and immobilization? (b) Coxa vara and valga
4.	Write scope and importance of biomechanics in physiotherapy
5.	Define good posture describe briefly different postural deviations and principles of postural correction.

Section – C

Ques. No. 3 Essay type Answer the question (450-500 words)

15X2= 30

1.	Write phases of gait cycle with biomechanical analysis
2.	With labeled diagram explain shoulder joint complex in terms of anatomy,ROM, and effects of injuries on joint functioning.

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CAREER COLLEGE
DEPARTMENT OF PHYSIOTHERAPY
B.P.T. III YEAR (2022-23)
MOCK EXAM
SUBJECT : - PDP

TIME: - 3 hours

Maximum Marks: - 100

SECTION A

- Q.1. Write in detail about sensory motor integration. 10
- Q.2. Explain the clinical features & physiotherapy management of TKR. 10
- Q.3. Define posture. Explain any 5 abnormal postures. 10
- Q.4. (4*5= 20)
- i. Stress ECG.
 - ii. DMD
 - iii. Spina bifida.
 - iv. GBS.

SECTION B

- Q.1. Write principles of prescription writing & write the prescription for cervical spondylitis. 15
- Q.2. Define ergonomics. Explain the importance of ergonomic advice in physiotherapy. Write ergonomic advice for a osteoarthritis patient. 15
- Q.3. (4*5= 20)
- i. EMG changes in Myopathies.
 - ii. NCV test.
 - iii. Explain SD curve.
 - iv. H-reflex & F wave.


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CAREER COLLEGE
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B.P.T. III YEAR (2022-23)
MOCK EXAM
SUBJECT:- Physiotherapy in Neurology

TIME: - 3 hours

Maximum Marks: - 80

SECTION A

- Q.1. Describe GBS. (10 marks)
- Q.2. explain Spastic CP under following points: - (10 marks)
- a) Definition b) Pathophysiology c) Etiology d) Clinical Features
- Q.3. Short Notes: (4*5=20 marks)
- a) Communicating Hydrocephalus
- b) Descending tracts
- c) Examination of superficial sensations
- d) Cross section of Spinal Cord

SECTION B

- Q.1. Define Gait. Explain various types of pathological gait. (10 marks)
- Q.2. How will you assess: - a) Higher mental functions b) vital signs c) balance (10 marks)
- Q.3. Short Notes: (20 marks)
- a) Examination of CN III, IV & VI
- b) Examination of CN VII
- c) Examination of CN XI
- d) Examination of Posture

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**CAREER COLLEGE
DEPARTMENT OF PHYSIOTHERAPY
B.P.T. III YEAR MOCK EXAM 2022-23**

PT.IN. ORTHOPAEDICS

Time:3.00hrs

Max marks : 100

Note : Attempt all the questions.

Section A

Q1 Write down assessment and PT management of Fracture neck of femur . 20

Q2. Write short notes 6x5


- a . Coxa vera
- b.pes planus
- c.plantar fasciitis
- d. VIC
- e. Clavicle Fracture
- f. Avascular necrosis

Section B

Q1 Write down indication, assessment & management of the rheumatoid arthritis 20

Q2. Write short notes on: 6x5

- a.Klumpes paralysis
- b. Anterior drawers test
- c. Complication of THR
- d. Cervical rib
- e. arthroplasty
- f. Illizarov's technique


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CAREER COLLEGE
DEPARTMENT OF PHYSIOTHERAPY
MOCK EXAM 2022-2023
BPT III YEAR
ATTENDANCE

SR.NO	NAME	BIOMECHANICS	PT ORTHO	ORTHOPEDIC S	PT NEURO	NEURO LOGY	PDP
1	Abhimanyu Kumar Roy	P	P	A	P	P	A
2	Alshifa Sheikh	P	P	A	P	P	P
3	Aman Namdev	P	B	P	P	A	P
4	Aman Yadav	A	P	P	B	B	P
5	Anjali Kirar	A	P	P	P	P	P
6	Anjali Singh	P	P	P	P	P	P
7	Anshita Gohiya	P	P	P	A	P	B
8	Anuradha Chourasiya	A	P	A	A	P	P
9	Aprajita Tiwari	P	B	A	P	P	P
10	Ashfak Ahmad	P	B	P	P	P	P
11	Astuti Paswan	A	A	P	P	A	P
12	Deepanjali Gupta	P	P	P	P	P	A
13	Deepshikha Patankar	P	P	A	P	P	P
14	Devendra Patidar	B	P	P	A	P	P
15	Harshikha Dongre	P	P	P	B	P	P
16	Karnika Joshi	B	B	P	B	A	P
17	Kshitiz Ayachit	P	B	A	A	P	P
18	Mansi Kumari	P	P	A	P	P	P
19	Minal Magarde	A	B	P	P	P	P
20	Neelesh Bhannariya	P	P	P	P	P	P
21	Neetu Borban	P	P	P	A	P	P
22	Neha Rajput	A	P	P	A	P	P
23	Pooja Nakhate	P	P	A	A	P	P
24	Poonam Mridha	A	P	A	P	P	P
25	Prachi Choudhary	P	P	P	P	P	P
26	Pragati Sharma	A	B	P	P	P	P
28	Riya Manjhi	P	B	P	P	P	P
29	Riya Afroz Qureshi	P	P	P	P	A	P
30	Roomi Batham	B	P	P	P	A	P
31	Rudrani Kantak	P	P	A	P	P	P
32	Sakshi Pandey	P	P	A	P	P	P
33	Satyam Balaji Tiwari	P	B	P	P	P	P
34	Shama Nazreen	A	B	P	P	P	P
35	Shikha Ahirwar	P	P	P	P	P	P
36	Shivam Singh Rajput	P	B	P	P	P	P
37	Shivani Choudhary	A	P	P	B	P	P
38	Suryakant	P	B	P	P	P	P
39	Tanisha Mehto	P	A	B	P	P	P
40	Yash Sewadik	P	B	P	P	P	A
41	Yuvraj Singh Malhotra	B	P	P	B	P	P
42	zainab Bano	P	P	P	A	P	P

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Bhopal

CAREER COLLEGE, BHOPAL
MOCK EXAM- BPT IV YEAR
SPORTS PHYSIOTHERAPY

SESSION- 2022-23

MM-100


Time: 3 hours

SECTION- A

- | | | |
|------|---|-------|
| I. | Write in detail about pre-participation evaluation. | 15 |
| II. | Write down the principles of injury prevention. | 15 |
| III. | Short notes on- | 4 x 5 |
| | a) Glycogen super-compensation | |
| | b) SAID principles | |
| | c) Psychological state of an injured player | |
| | d) Pharmacology in sports | |

SECTION- B

- | | | |
|-----|--|-------|
| IV. | Plan out a complete rehabilitation protocol for a footballer with grade III ACL injury at the knee after ACL reconstruction. | 15 |
| V. | Write in detail about the principle of rehabilitation in sports injury. | 15 |
| VI. | Short notes on- | 4 x 5 |
| | a) Plyometrics | |
| | b) MTSS | |
| | c) PRE | |
| | d) Taping | |


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**CAREER COLLEGE, BHOPAL
MOCK EXAM- BPT IV YEAR**

COMMUNITY MEDICINE

SESSION- 2022-23

TIME: - 3 HOURS

MAXIMUM MARKS-100

SECTION A

- Q.1. Define health. Describe various determinants of health. 15
- Q.2. Discuss health administration setup in brief. 15
- Q.3. Write short notes on: -
- a. Revised National TB Control Program (RNTCP). (4*5=20)
 - b. Window period.
 - c. Sickness benefit.
 - d. Health problem in geriatrics.

SECTION B

- Q.1. Explain in detail about professional & government licensing & educational standards in physiotherapy. 15
- Q.2. explain the law & legal concepts related to physiotherapy practice. 15
- Q.3. write short notes on: -
- a) Scope of physiotherapy.
 - b) Relationship with patients.
 - c) History of physiotherapy.
 - d) Ethical principles in health care system.

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CAREER COLLEGE, BHOPAL
MOCK EXAM- BPT IV YEAR

PTCT

SESSION- 2022-23

MAXIMUM MARKS – 100

SECTION A

Q.1. Explain Emphysema under following points: - 15

- Definition.
- Clinical features.
- Pathology.
- Physical therapy interventions.

Q.2. Explain postural drainage. List its indications & contraindications. What position will you give to the patient with secretions in right lower lobe? 15

Q.3. Write short notes on: -

- a. Breathing exercise.
- b. Flutter device.
- c. Difference between obstructive & restrictive lung conditions.
- d. COPD.

SECTION B

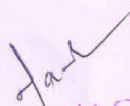
Q.1. Discuss the assessment of a patient with Pneumonectomy surgery & write its physiotherapy management. 10

Q.2. Plan physiotherapy management for an angioplasty patient starting from his second post operative day. 10

Q.3. Enumerate any 5 instruments used in ICU with their functions. List the steps you will take in rehabilitating a 72 year male who underwent a surgery for stab wound in thorax & this is his 1st day of rehabilitation. 10

Q.4. Write short notes on: - 20

- a. A.M.B.U. bag.
- b. Mechanical ventilator.
- c. Pursed lip breathing.
- d. chest expansion exercises.


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CAREER COLLEGE, BHOPAL
MOCK EXAM- BPT IV YEAR

BIostatISTICS

SESSION- 2022-23

MM-50

Q.1. Define biostatistics & scope of biostatistics. 10

Q.2. What do you mean by sampling? Explain its importance in biostatistics. 10

Q.3. Write short notes on: - (5*4)

- I. Pie diagram.
- II. Histogram.
- III. Bar diagram.
- IV. Mode.

Q.4. Calculate mean --

Class interval	frequency
16-20	4
21-25	4
26-30	9
31-35	7
36-40	13
41-45	3

Q.5. calculate standard deviation(S.D.) 10

Variable	frequency
5	2
10	4
15	6
20	6
25	10
30	10
35	10
40	6
45	4
50	2

Janaki
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Career College, Bhopal
Department of Physiotherapy
BPTth Fourth Year Mock Examination December-2022
Attendance Sheet

	26/12/2022	27/12/2022	28/12/2022	29/12/2022	30/12/2022	31/12/2022
Name of Student	Community PT, Rehabilitation & Disability prevention	Research methodology & Biostatistics	Cardiothoracic diseases and surgeries	Physiotherapeutic in General & Cardiothoracic Conditions	Sports Physiotherapy	PT Ethics, management & Administration
1. Amrita Kaur	P	P	P	P	P	P
2. Bhuvaneshwari Dhote	P	P	P	P	P	P
3. Damini mohod	P	P	P	P	P	P
4. Dharmendra Sharma	P	P	P	P	P	P
5. Komal	P	P	P	P	P	P
6. Megha	P	P	P	P	P	P
7. Muskan	P	P	P	P	P	P
8. Nikhil yadav	P	P	P	P	P	P
9. Payal garde	P	P	P	P	P	P
10. Pooja tiwari	P	P	P	P	P	P
11. Pourvi yadav	P	P	P	P	P	P
12. Pratibha Sharma	P	P	P	P	P	P
13. Preeti mukati	P	P	P	P	P	P
14. Preeti singh	P	P	P	P	P	P
15. Princy agrawal	P	P	P	P	P	P
16. Puspanjali Biswas	P	P	P	P	P	P
17. Rakesh kushwaha	P	P	P	P	P	P

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18. Rohit rokde	P	P	P	P	P	P
19. Sayna sabri	P	P	P	P	P	P
20. Rupali yerpude	P	P	P	P	P	P
21. Shubham rajput	P	P	P	P	P	P

Jamil
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DEPARTMENT OF PATHOLOGY

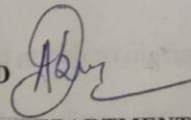
CAREER COLLEGE, BHOPAL
DEPARTMENT OF PATHOLOGY
MOCK EXAMINATION
2022-23

NOTICE

Date: 10.01.2023

Department of pathology is going to conduct **MOCK** examination from 17.01.2023 to 20.01.2023. It is compulsory for all students to attend this examination.

Time - 10.00 AM to 1.00 PM
Venue - Lecture Hall I, II & III

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
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TIME TABLE

MOCK TEST 2022-23

TIME : - 10.00 - 1.00 PM (THEORY)

DATE	BMLT I	DMLT I	BXRT I	BMLT II	BMLT III
17-01-2023	Basic Histology	Human Anatomy & Physiology	Human Anatomy & Physiology	Histology	Applied Histopathology
18-01-2023	Micribiology-I	Biochemistry	Radiographic Photography	Microbiology-II	Microbiology-III
19-01-2023	Biochemistry-I	Pathology-I	Basic Radiological Physics	Biochemistry-II	Biochemistry-III
20-01-2023	Hematology-I	Pathology-II	Radiation Protection & Radiation Prology	Hematology-II	Hematology-III


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2022-23

MOCK TEST

BMLT – I

Basic Histology

Max. Marks: 50

Min. Marks: 17

Date:-17/01/2023

Q.1 Very Short Answer Type- 2x5=10

- a) Types of fixative
- b) Staining for Histo.
- c) Name the hormone secreted by pituitary, adrenal gland.
- d) Liver functions.
- e) Part of brain.

Q.2 Short Answer Type- (25)

- a) Describe anatomy of Lungs with labeled diagram.(7)
 - b) Describe anatomy of stomach with labeled diagram.(7)
 - c) Describe structure & function of Heart with labeled diagram.(8)
- Q.3 Describe classification of bones in detail with examples?(15)

BMLT – II

Histology

Q.1 write notes on following(5x10=50)

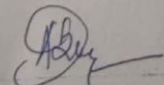
- A) Circulatory System
- B) Respiratory System
- C) Digestive System
- D) Urinary System
- E) Endocrine Glands

BMLT – III

Applied Histopathology

Q.1 write notes on following(5x10=50)

- A) Demonstration of enzyme histochemistry.
- B) What is FNAC write step of PAP stain
- C) Squash smear technique in neuropathy.
- D) What are technique used in Freezing tissue.
- E) Staining of neuron


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PATHOLOGY DEPARTMENT
2022-23
BMLT
MOCK TEST
MICROBIOLOGY

Max. Marks: 50

Min. Marks: 17
Date:-18/01/2023


1. Describe in brief:- (10x5 = 50)
 - A. Physical agents of sterilization
 - B. Life cycle of malaria
 - C. Pasteurization
 - D. Germ theory of disease
 - E. Growth curve of bacteria
 - F. Classification of bacteria
 - G. Difference between light & electron microscope
 - H. Safety measures in Microbiology lab
 - I. Koch Pastulates
 - J. Classification of Viruses

BMLT – II

1. Describe in brief:- (5 x 10 = 50)
 - A. Lab diagnosis of *Salmonella typhae*
 - B. Lab diagnosis of Spirochete
 - C. Lab diagnosis of *Staphylococcus*
 - D. Lab diagnosis of *Clostridium perfringens*
 - E. Lab diagnosis of *Cornybacterium diphtheriae*

BMLT – III

1. Describe in brief:- (5 x 10 = 50)
 - A. Different tests for disinfectant
 - B. ASO Test
 - C. Preservation Method
 - D. Microbiological examination of water
 - E. Serotyping


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PATHOLOGY DEPARTMENT
2022-23
MOCK TEST
BIOCHEMISTRY
BMLT - I

Max. Marks: 50

Min. Marks: 17
Date:-19/01/2023


1. Write short notes on:- (5x10=50)
- A. Measuring cylinder
 - B. First Aid Kit components
 - C. Normal range of Glucose, calcium, uric acid & urea.
 - D. Standard solution
 - E. Chemical storage
 - F. Preparation of reagents.
 - G. Preparation of Distilled water
 - H. Ethics in laboratory
 - I. Laboratory management system
 - J. Responsibility of lab technician.

BMLT - II

1. Describe in brief:- (5 x 10 = 50)
- A. Colorimeter
 - B. Spectrophotometer
 - C. Polysaccharide
 - D. Primary protein
 - E. Glycolysis

BMLT - III

1. Describe in brief:- (5 x 10 = 50)
- F. Glycolysis
 - G. Catalase Test
 - H. Coagulase Test
 - I. Tri Carboxylic Acid Cycle
 - J. Uric acid test


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**PATHOLOGY DEPARTMENT
2022-23
MOCK TEST
HEMATOLOGY**

BMLT - I

Max. Marks: 50

**Min. Marks: 17
Date:-20/01/2023**

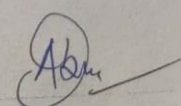
1. Composition of blood & its function. (20)
2. Introduction of Haematology & lab safety measures. (20)
3. Write short notes on:- (Any Two- 5 marks each)
 - A. Platelets
 - B. Different types of WBCs
 - C. Buffy coat

BMLT - II

1. Describe in brief:-
 - A. Land steiner (10)
 - B. Abnormal haemoglobin (20)
 - C. Staining of bone marrow (10)
 - D. LE cell (10)

3 BMLT - III

- A. Write the definition and classification of Anemia? (10) (10)
- B. Write a note on Leukemia?
- C. Lab diagnosis of megaloblastic anaemia? (10) (10)
- D. Write a note on Coagulation profile?
- E. Platelet function test and their interpretation? (10)


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CAREER COLLEGE BHOPAL MOCK EXAM RESULT

Pathology Department 2022-23

BMLT- I ATTENDANCE

S.NO.	NAME	Basic Histology	Microbiology-I	Biochemistry-I	Hematology-I
1	PRAVESH SHARMA	P	P	P	P
2	CHANDAN PANDEY	P	P	P	P
3	ANJALI PAL	P	P	P	P
4	KHUSHI NATH	P	P	P	P
5	PRACHI MAHAJAN	P	P	P	P
6	AMOSH BENJAMIN	P	P	P	P
7	POOJA NAYAK	P	P	P	P
8	DEVENDRA AHIRWAR	P	P	P	P
9	SHIVAM	P	P	P	P
10	BABLI ROY	P	P	P	P
11	ASHISH SINGH	P	P	P	P
12	ARIHANT SINGH	P	P	P	P
13	ALIZA INAM	P	P	P	P
14	ATUL	P	P	P	P
15	HUMA KHAN	P	P	P	P
16	MAUSAM	P	P	P	P
17	MO JUNAID ANSARI	P	P	P	P
18	YAGYESHI JOSHI	P	P	P	P
19	AYUSHI SHRIVASTAVA	P	P	P	P
20	RAJ PRAJAPATI	P	P	P	P
21	RAHUL DANGI	P	P	P	P
22	OMPRAKASH PATEL	P	P	P	P
23	NIVEDITA	A	A	A	A
24	PUSHPENDRA PATEL	P	P	P	P
25	SONALI PAWAR	P	P	P	P
26	REKHA AHIRWAR	P	P	P	P
27	RAJNANDINI DARWAI	A	A	A	A
28	SIMRAN MEHAR	P	P	P	P
29	MICHAEL DENG	P	P	P	P
30	HILTON N MULBAH	P	P	P	P
31	AMUOR BIAR	P	P	P	P
Total Students -		31			
Present -		29			
Absent -		02			

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Pathology Department Mock Test attendance 2022-23

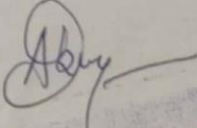
BMLT - III

S.NO.	NAME	Applied Histopathology	Microbiology-III	Biochemistry-III	Hematology-III
1	Ashwini Nimje	P	P	P	P
2	Akash Kushwaha	P	P	P	P
3	Akshay Patel	P	P	P	P
4	Amisha Tripathi	P	P	P	P
5	Ashish Kumar Vaishya	P	P	P	P
6	Ashmita Kumari Singh	P	P	P	P
7	Babundar Kumar Prajapati	P	P	P	P
8	Divya Ahirwar	P	P	P	P
9	Geetanjali Upadhyay	P	P	P	P
10	Girish Paliwal	P	P	P	P
11	Hariom Dangi	P	P	P	P
12	Lavnivesh Sonkar	P	P	P	P
13	Naveen Sonkar	P	P	P	P
14	Navneet Singh Bais	P	P	P	P
15	Neeraj Chouksey	P	P	P	P
16	Neeraj	P	P	P	P
17	Nikhil Yadav	P	P	P	P
18	Nikita Kushwaha	P	P	P	P
19	Pooja Verma	P	P	P	P
20	Prakash Tiwari	P	P	P	P
21	Prakhar Bhourase	A	A	A	A
22	Rajesh Karpenter	P	P	P	P
23	Rakesh Kumar Prajapati	P	P	P	P
24	Rehan Ali	P	P	P	P
25	Ritik Chourey	P	P	P	P
26	Rohit Sahu	P	P	P	P
27	Roshan Lal Lodhi	P	P	P	P
28	Roshni Mathankar	P	P	P	P

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29	Sanjay Karada	P	P	P	P
30	Shishupal	P	P	P	P
31	Shivani Dhakad	P	P	P	P
32	Shubham Patel	P	P	P	P
33	Sudeep Kumar Lodhi	P	P	P	P
34	Vikash Lodhi	P	P	P	P
	Total students	34			
	Present	33			
	Absent	01			


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 CAREER COLLEGE, BHOPAL

PATHOLOGY DEPARTMENT
2022-23
MOCK TEST
DMLT – I
Human Anatomy and Physiology

Max. Marks: 50

Min. Marks: 17

Date:-17/01/2023

Q.1 Very Short Answer Type- 2x5=10

- a) Types of fixative
- b) Staining for Histo.
- c) Name the hormone secreted by pituitary, adrenal gland.
- d) Liver functions.
- e) Part of brain.

Q.2 Short Answer Type- (25)

- a) Describe anatomy of Lungs with labeled diagram.(7)
 - b) Describe anatomy of stomach with labeled diagram.(7)
 - c) Describe structure & function of Heart with labeled diagram.(8)
- Q.3 Describe classification of bones in detail with examples?(15)

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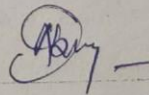
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**PATHOLOGY DEPARTMENT
2022-23
MOCK TEST
BIOCHEMISTRY
DMLT - I**

Max. Marks: 50

Min. Marks: 17
Date:-18/01/2023

2. Write short notes on:- (5x10=50)
- K. Measuring cylinder
 - L. First Aid Kit components
 - M. Normal range of Glucose, calcium, uric acid & urea.
 - N. Standard solution
 - O. Chemical storage
 - P. Preparation of reagents.
 - Q. Preparation of Distilled water
 - R. Ethics in laboratory
 - S. Laboratory management system
 - T. Responsibility of lab technician.


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PATHOLOGY DEPARTMENT

2022-23

MOCK TEST

PATHOLOGY-1

DMLT - I

Max. Marks: 50

Min. Marks: 17

Date:-19/01/2023

2. Composition of blood & its function. (20)
3. Introduction of Haematology & lab safety measures. (20)
4. Write short notes on:- (Any Two- 5 marks each)
 - E. Platelets
 - F. Different types of WBCs
 - G. Buffy coat

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PATHOLOGY DEPARTMENT

2022-23

DMLT

MOCK TEST

PATHOLOGY-II

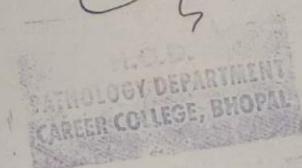
Max. Marks: 50

Min. Marks: 17

Date:-20/01/2023

2. Describe in brief:- (10x5 = 50)
- F. Physical agents of sterilization
- G. Life cycle of malaria
- H. Pasteurization
- I. Germ theory of disease
- J. Growth curve of bacteria
- K. Classification of bacteria
- L. Difference between light & electron microscope
- M. Safety measures in Microbiology lab
- N. Koch Pastulates
- O. Classification of Viruses

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CAREER COLLEGE BHOPAL MOCK EXAM RESULT					
Pathology Department 2022-23					
DMLT I YEAR ATTENDANCE					
S.NO.	NAME	Human Anatomy and Physiology	Biochemistry	Pathology-I	Pathology-II
1	SHIVENDRA SHUKLA	P	P	P	P
2	SANDHYA TRIPATHI	P	P	P	P
3	AASTHA SHARMA	P	P	P	P
4	ABHISHEK	P	P	P	P
5	JYOTI	P	P	P	P
6	MAHAK KHAN	P	P	P	P
7	SAROJ AMRUTE	P	P	P	P
8	SULEKHA AHIRWAR	P	P	P	P
9	DAXITA SHRIVAS	P	P	P	P
10	NARGIS KHAN	P	P	P	P
11	HARSHIT SAHU	A	A	A	A
12	ANITA SAHU	P	P	P	P
13	VISHAL SINGH RAJPUT	P	P	P	P
14	AJAY KUMAR JHARIYA	P	P	P	P
15	SUSHMA DEVI PATEL	P	P	P	P
16	ADARSH KUMAR MISHRA	P	P	P	P

Total - 16
Present - 15
Absent - 01

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PATHOLOGY DEPARTMENT
2022-23
MOCK TEST
BXRT – I
Human Anatomy and Physiology

Max. Marks: 50

Min. Marks: 17

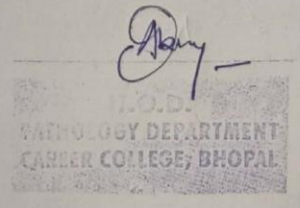
Date:-17/01/2023

Q.1 Very Short Answer Type- 2x5=10

- a) Types of fixative
- b) Staining for Histo.
- c) Name the hormone secreted by pituitary, adrenal gland.
- d) Liver functions.
- e) Part of brain.

Q.2 Short Answer Type- (25)

- a) Describe anatomy of Lungs with labeled diagram.(7)
 - b) Describe anatomy of stomach with labeled diagram.(7)
 - c) Describe structure & function of Heart with labeled diagram.(8)
- Q.3 Describe classification of bones in detail with examples?(15)

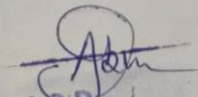


PATHOLOGY DEPARTMENT
2022-23
MOCK TEST
Radiography photography
BXRT - I

Max. Marks: 50

Min. Marks: 17
Date:-18/01/2023

1. Write short notes on:- (2x10=20)
 - A. Dark room intro 2
 - B. Location 2
 - C. Size and installation 2
 - D. Protection agent radiation 2
 - E. Floor 2
 - F. Wall covering 2
 - G. Ventilation 2
 - H. Electric wiring 2
 - I. Pass box 2
 - J. Entrance 2
2. 6 question on 5 marks (5x6=30)
 - A. Illumination safe radiography general illumination 5
 - B. Dry side 5
 - C. Wet side 5
 - D. Film construction 5
 - E. The base 5
 - F. The emulsion 5


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CANDER COLLEGE, BHOPAL

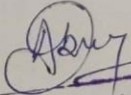
PATHOLOGY DEPARTMENT
2022-23
MOCK TEST
Basic Radiological Physics
BXRT - I

Max. Marks: 50

Min. Marks: 17
Date:-19/01/2023

1. Write short notes on:- (5x10=50)

- a. X- Ray Tube
- b. X- Ray Components
- c. Focusing Cup
- d. Properties of X- Ray Radiation
- e. Types of Radiation


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PATHOLOGY DEPARTMENT
CAREER COLLEGE, BHOPAL

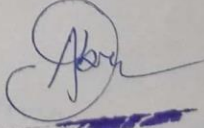
PATHOLOGY DEPARTMENT
2022-23
MOCK TEST
Radiography photography
BXRT - I

Max. Marks: 50

Min. Marks: 17
Date:-20/01/2023

1. Write short notes on:- (5x10=50)

1. Define what is Radiation and its types? Definition of Radiation Hazards ?
2. Explain about side effects of Radiation exposure?
3. Define about ALI and ALARA and permissible limit dose levels of sealed sources?
4. Explain briefly about the ICRP principle?
5. What is a stochastic Effect and non stochastic Effect?
6. What is shielding and details about its materials?
7. What is a personal monitoring device and its uses?
8. Process about Film badges and their characteristics?
9. Process about TLD badges and their characteristics?
10. Process about pocket Dosimeter and their characteristics?


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PATHOLOGY DEPARTMENT
CAREER COLLEGE, BHOPAL

CAREER COLLEGE BHOPAL MOCK EXAM RESULT					
Pathology Department 2022-23					
BXRT- I ATTENDANCE					
S.NO.	NAME	Human Anatomy and Physiology	Radiographic Photography	Basic Radiological physics	Radiation Protection & Radiation Prology
1	ANSHIKA CHATURVEDI	P	P	P	P
2	NAYAN NAGAR	P	P	P	P
3	SYED ANAS ALI	P	P	P	P
4	AMAN FAYE	P	P	P	A

Total - 04
Present - 04
Absent - NIL

Abu
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PATHOLOGY DEPARTMENT
CAREER COLLEGE, BHOPAL

DEPARTMENT OF COMPUTERSCIENCE

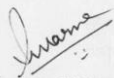
Career College, Bhopal
Department of Computer Sciences
Session 2022-23

NOTICE

Date: 5 /11/2022

This is to inform to all the students that the CCE exams will be held between 7th November 2022 and 21th November 2022. No student will remain absent in CCE examination without prior information.

The students are required to come in college uniform 10 minutes prior to scheduled time as mentioned in the Time Table.

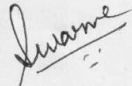


Dr. Swarna Sinha
HOD, Computer Science

Career College, Bhopal
Department of Computer Science
Session 2022-23
CCE Time-Table

All students of B.Sc. I, II and III Year are required to note the schedule of CCE as mentioned below.

Date	Classes		
	B.Sc. I Year	B.Sc. II Year	B.Sc. III Year
Room	R.No.-54	R.No.-55	R.No.57
Time	11 a.m.	11 a.m.	11 a.m.
07-11-2022	CS/Physics/Maths(Major-I)	Physics (Major-II/Minor/Elective)	Physics-I
09-11-2022	CS(Major-II)	IT/CS(Major-II)	Maths-II
10-11-2022	Maths (Major-II/Minor/Elective)		Maths-I
12-11-2022	Physics (Major-II/Minor/Elective)	Maths (Major-II/Minor/Elective)	Physics-II
14-11-2022	Digital Marketing (Vocational-1)	NCC/Communicative English (Elective -1)	Maths-III
	Web Designing (Vocational-2)		
16-11-2022	NCC/Communicative English (Elective -1)	IT/CS/Physics/Maths(Major-I)	CS/IT/Electronics-I
17-11-2022			CS/IT/Electronics-II
18-11-2022			Basic of Comp & IT
19-11-2022			Hindi
20-11-2022			English

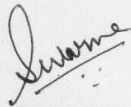


Dr. Swarna Sinha
H.O.D.
Dept. of Computer Science

Career College, Bhopal
Department of Computer Science
Session 2022-23
CCE Time-Table


All students of BCA I, II and III Year are required to note the schedule of CCE as mentioned below.


Date	Classes		
	BCA I Year	BCA II Year	BCA III Year
Room	Computer Lab-1	Computer Lab-2	R.No.56
Time	11 a.m.	11 a.m.	11 a.m.
07-11-2022	Operating System (Minor)	Internet application using JAVA programming(Minor)	JAVA
09-11-2022	Computer Fundamental & Architecture (Major-I)	Database management system using PL/SQL (Major)	Computer Network
10-11-2022	Numerical Methods (Elective Paper-1)	Data communication and computer network (Major)	Python
12-11-2022	Programming Methodology and DS (Major-II)		E-governance
14-11-2022	Digital Marketing (Vocational-1)		MIS
	Web Designing (Vocational-2)		
16-11-2022			Principle & Practices
18-11-2022			Basics of Computers
19-11-2022			English
20-11-2022			Hindi

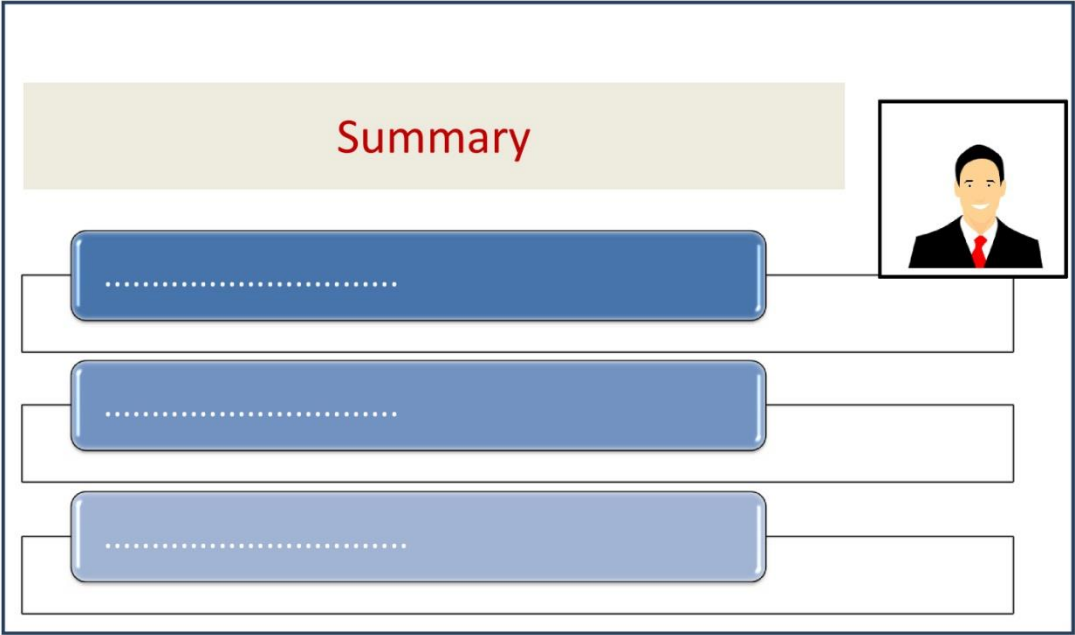
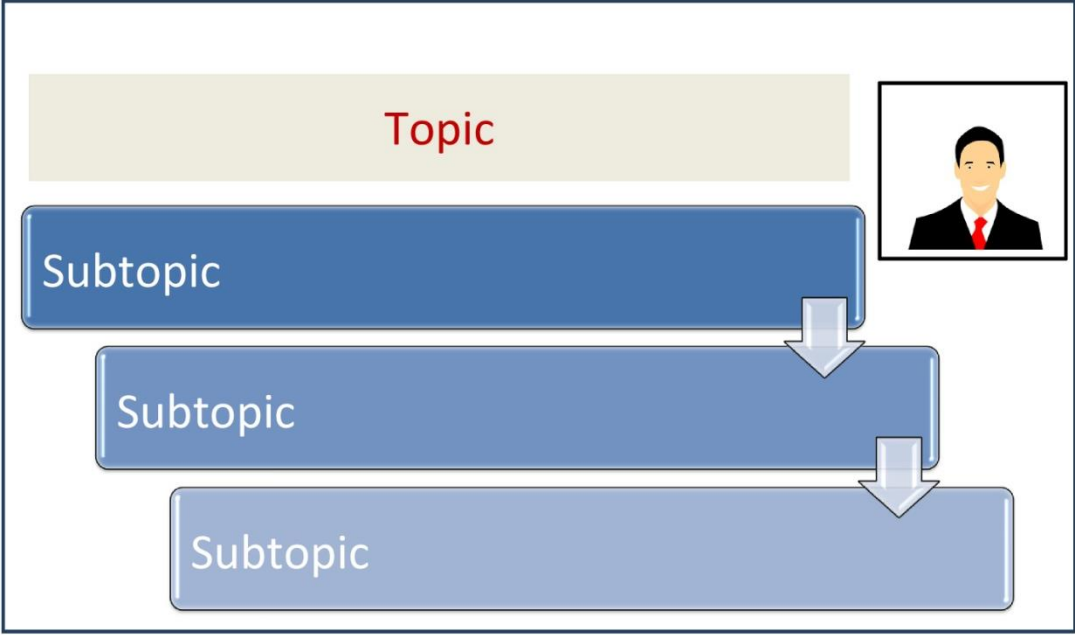

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Dept. of Computer Science

CCE Preparation Guidelines

I- Video Preparation Guidelines:

CareerCollegeBhopal		
TitleTopics		
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Covered		
<hr/>		
Course :		NameofStudent-1
Year :		NameofStudent-2
Paper :		NameofStudent-3
Unit/Module:		NameofStudent-4
<hr/>		

Learning Outcomes		
<hr/>		
1		
2		
3		
4		



Links for further reading



.....s://www.youtube.com/watch?v=Scdl29YSSes

.....

.....

References



author, date, title, and location information

Austen, J. (1918). *Pride and prejudice*. New York Press.

.....(APA format)

References



author, date, title, and location information

Austen, J. (1918). Pride and prejudice. New York Press.

.....(APA format)

Department of Computer Science

Credits/Aabhaar



Coordinator

Dr. Swarna Sinha HO

D

Department of Computer Science

Mentor

<Name of Mentor>

Asst. Professor

Department of Computer Science

Subject Teacher

<Name of Subject Teacher> A

Asst. Professor

Department of Computer Science



THANKS

II- Power Point Presentation (PPT) Preparation Guidelines:

1. Create PPT as per format provided for video
2. Font : Calibri
3. Font Size Title: 40
4. Font Size Bullets: 32
5. Font Size Text: 24
6. Alignment: Justified
7. Use images/graphs/pictures/tables wherever necessary

III- E-Text Preparation Guidelines:

1. Font : Calibri
2. Font Size: 12
3. Alignment: Justified
4. Use images/graphs/pictures/tables wherever necessary

IV- Questions with Answers Preparation Guidelines:

1. Font : Calibri
2. Font Size: 12
3. MCQ/Fill in the blanks/ True or False : 5
4. Short Answer: 5
5. Long Answer: 5

Career College Bhopal
Department of computer science

CCE Attendance Sheet

Class - BCA I year

Date :

S. No.	STUDENT NAME	Computer Fundamental and Architecture (Major-1)	Programming Methodology with C++ (Major-2)	Operating System (Minor)	Numerical Methods (Elective)
1	AYUSH KRITI	Ayush kriti	Ayush kriti	Ayush kriti	Ayush kriti
2	ABHJEET DAS	Abhijet	Abhijet	Abhijet	Abhijet Das
3	ABHINAV SEN	Abhi	Abhinav Sen	Abhi	Abhinav Sen
4	ABISHEK KUMAR	Abishek Kumar		Abishek Kumar	Abishek Kumar
5	AJARATOU MANNEH	AJA	AJA	AJA	AJA
6	AJAY YADAV	Ajayadav	Ajayadav	Ajayadav	Ajayadav
7	AMAN SURADKAR	Ams	Ams	Ams	Ams
8	ANJALI JADHAV	Anjali		Anjali	Anjali
9	ANSHU SINGH	Anshu Singh	Anshu Singh	Anshu Singh	Anshu Singh
10	ARVISH FATIMA	Arvish fatima	Arvish fatima	Arvish fatima	Arvish fatima
11	ARYAN AGNIHOTRI	Aryan Agnihotri		Aryan Agnihotri	Aryan Agnihotri
12	ASHISH RAJESH MAHOBE	Ashish Mahobe	Ashish Mahobe	Ashish Mahobe	Ashish Mahobe
13	ASMITA KUSHWAHA	Asmita	Asmita	Asmita	Asmita
14	ATHARVA KHARE	Akhar	Akhar	Akhar	Akhar
15	DARSH JAIN				
16	DEV SANA	Dev Sana		Dev Sana	Dev Sana
17	DEVANSH MEHRA				
18	FARHAN AHMAD SIDDIQUI	Farhan	Farhan	Farhan	Farhan
19	ISHA KUMARI	Isha Kumari	Isha Kumari	Isha Kumari	Isha Kumari
20	KRISHNA KUMAR				Krishna Kumar
21	KRISHNA SINGH	K	K	K	K
22	KRITIKA SINGH BAGHEL	K	K	K	K

1	KULDEEP VERMA	Kuldeep	Kuldeep	Kuldeep	Kuldeep
2	M.AHMED KHAN x	Mahmed	Mahmed	Mahmed	Mahmed
3	MAHAK KHAN	Mahak	Mahak	Mahak	Mahak
4	MD MD KASHIF				
5	MOH. ARQAM	Arqam	Arqam	Arqam	Arqam
6	MOHIT KUMAR YADAV				
7	MOHIT MISHRA				
8	NIKIL SINGH BHATI				
9	PARAS CHOUDHARY	Paras	Paras	Paras	Paras
10	PARUL GUPTA	Parul Gupta	Parul Gupta	Parul Gupta	Parul Gupta
11	PARUL SINGH	Parul Singh	Parul	Parul	Parul
12	PIYUSH KUMAR TIWARI				
13	RAVI KUMAR				
14	RIMJHIM SHARMA ✓	Rimjim	Rimjim	Rimjim	Rimjim
15	RITIK CHOUHAN	Ritik Chouhan	Ritik Chouhan	Ritik Chouhan	Ritik Chouhan
16	ROSHAN SINGH DHAKAD				
17	SAKSHAM PATEL	Saksham		Saksham	Saksham
18	SAKSHI SHARMA	Sakshi	Sakshi	Sakshi	Sakshi
19	SOURABH KUMAR LOVANSHI	Sourabh	Sourabh	Sourabh	Sourabh
20	UTKARSH KUMAR SHARMA				
21	VANSHIKA CHADOKAR	Chadokar	Chadokar	Chadokar	Chadokar
22	VISHAL	VISHAL	VISHAL	Vishal	Vishal
23	WAZAHID HASAN ALI	Wazahid	Wazahid	Wazahid	Wazahid
TOTAL PRESENT					
SIGNATURE OF TEACHER					
SIGNATURE OF HOD					

Career College Bhopal
Department of Computer Science

CCE Attendance Sheet
Class - BSC I year (CS)

Date :

S. No.	STUDENT NAME	Computer Fundamental and Architecture (Major 1)	Programming Methodology with C++ (Major-2)	Physics/Chemistry/ Maths (Minor)	(Elective) Physics	Web design (Voc)
1	UTKARSH SAXENA	U		M- U	U	
2	ANSHUMAN SHARMA	AS		M- AS	AS	
3	LEKHIKA BIRLA				Absent	
4	TRINETRA SINGH	Trinetra		M- Tr	Tr	
5	YASHPAL SINGH RAJPUT				Absent	
6	TARUN KUMAR LODHI	Tarun			Absent	
7	PRATHAM VERMA	Prathma		M- Prathma	Prathma	
8	ARPIT YADAV	Arpit Yadav		M- Arpit Yadav	Arpit	
9	ANAND KUMAR	Anand Kumar		M- Anand K	Absent	
10	MEHAK SHARMA	Mehak		M- Mehak	Absent (nee)	
11	SAURAV KUMAR	Saurav Kumar		M- Saurav Kumar	Saurav K.	
12	ADITYA YADAV				-	
13	KUNAL SARATHE	Kunal Sarathe		M- Kunal	-	
14	ARYAN SAHU	AS		M- AS	AS	
15	SANCHITA SINGH	Sanchita Singh		M- Singh	Singh	
16	SAMARJIT SUNDI	Samarjit Sundi		M- Samarjit	Samarjit Sundi	
17	Vedansh Verma	Vedansh		M- Vedansh	Vedansh	

Signature
of Teacher

[Signature]

DEPARTMENT OF LIBRARY & INFO. SCIENCE

Career College, Bhopal
Department of Library & Information Science
Notice for First CCE Examination
Session-2022-2023

This is to inform that First CCE of B.L.I.Sc. Department of Library & Information Science will be held on following date. It is Compulsory for all students to attend the CCE examination. For further details, contact your class mentor.

Class	Subject	Mode of Exam	Date	Submission Date
B.L.I.Sc.	Foundation of Library & Information Science	Assignment	05.12.2022	12.12.2022
B.L.I.Sc.	Managements of Libraries & Information Centers	Assignment	05.12.2022	12.12.2022
B.L.I.Sc.	Knowledge Organization & Processing (Theory))	Assignment	05.12.2022	12.12.2022
B.L.I.Sc.	Knowledge Organization & Processing (Practical)) Method A & B	Assignment	05.12.2022	12.12.2022
B.L.I.Sc.	Information Sources, Services and User Studies	Assignment	05.12.2022	12.12.2022
B.L.I.Sc.	Information Storage and Retrieval	Assignment	05.12.2022	12.12.2022
B.L.I.Sc.	Information Technology: Basics	Assignment	05.12.2022	12.12.2022
B.L.I.Sc.	Information Technology Computer Practical With Report and Viva-Voce	Viva Voce	06.12.2022	06.12.2022


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Department of Library & Information Science
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Career College, Bhopal
Department of Library & Information Science
1st CCE Examination (Mode-Assignments)
Session December 2022-2023

B.L.I.Sc.

Paper-I Foundation of Library & Information Science
MM-7.5

Q1 Define the First law of Library Science.

Q2 what is library? Describe the Academic library system.

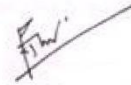

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Department of Library & Information Science
1st CCE Examination (Mode-Assignments)
Session December 2022-2023
B.L.I.Sc.
Paper-II Management of Library & Information Centers

MM-7.5

Q1. Describe the scientific principles of Management.

Q2. What is management? Define the concepts and scope of management.

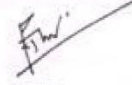

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1st CCE Examination (Mode-Assignments)
Session December 2022-2023
B.L.I.Sc.
Paper-III KOP (Theory)

MM-7.5

Q1. Describe the Common Isolates.

Q2. Define the five fundamental categories.

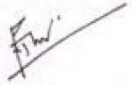

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1st CCE Examination (Mode-Assignments)
Session December 2022-2023
B.L.I.Sc.
Paper-IV KOP (Practical)

MM-7.5

Q1. Write the Main Class Division of DDC 19th edition in their Proper Sequence.

Q2. Write the Main entry card format of AACR-II 1986 Revised Edition.

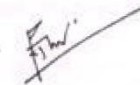

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1st CCE Examination (Mode-Assignments)
Session December 2022-2023
B.L.I.Sc.
Paper-V Information Sources, Services & User Studies

MM-7.5

Q1. Describe the types of Information Sources.

Q2. Define the types of Documentary sources of Information.

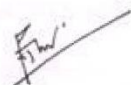

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1st CCE Examination (Mode-Assignments)
Session December 2022-2023
B.L.I.Sc.
Paper-VI Information Storage & Retrieval

MM-7.5

Q1. Give a description account of Documentation service and their scope in India.

Q2. Write Short note on Scope of Translation Services in India.

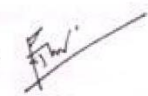

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Department of Library & Information Science
1st CCE Examination (Mode-Assignments)
Session December 2022-2023
B.L.I.Sc.
Paper-VII Information Technology: Basics

MM-7.5

Q1. Give details of Information technology development in India after 1990's.


Q2. Write a short note on System Software and application software.


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Department of Library & Information Science
Notice for Second CCE Examination
Session-2022-2023

This is to inform that Second CCE of B.L.I.Sc. Department of Library & Information Science will be held on following date. It is Compulsory for all students to attend the CCE examination. For further details, contact your class mentor.

Class	Subject	Mode of Exam	Date	Submission Date
B.L.I.Sc.	Foundation of Library & Information Science	Assignment	01.05.2023	10.05.2023
B.L.I.Sc.	Managements of Libraries & Information Centers	Assignment	01.05.2023	10.05.2023
B.L.I.Sc.	Knowledge Organization & Processing (Theory))	Assignment	01.05.2023	10.05.2023
B.L.I.Sc.	Knowledge Organization & Processing (Practical)) Method A & B	Assignment	01.05.2023	10.05.2023
B.L.I.Sc.	Information Sources, Services and User Studies	Assignment	01.05.2023	10.05.2023
B.L.I.Sc.	Information Storage and Retrieval	Assignment	01.05.2023	10.05.2023
B.L.I.Sc.	Information Technology: Basics	Assignment	01.05.2023	10.05.2023
B.L.I.Sc.	Information Technology Computer Practical With Report and Viva-Voce	Viva Voce	02.05.2023	02.05.2023


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Department of Library & Information Science
IInd CCE Examination (Mode-Assignments)
Session December 2022-2023
B.L.I.Sc.
Paper-I Foundation of Library & Information Science


MM-7.5

Q1. Write short notes on any two

- a) Right to Information
- b) Copy Right Act
- c) Intellectual Property Rights

Q2. Write short notes on any two

- a) ALA
- b) ILA
- c) DESIDOC


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IInd CCE Examination (Mode-Assignments)
Session December 2022-2023
B.L.I.Sc.
Paper-II Management of Library & Information Centers

MM-7.5

Q1. Define the different Budget Techniques of library.

Q2. Describe the Collection Development Policies and Procedures.

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Department of Library & Information Science
IInd CCE Examination (Mode-Assignments)
Session December 2022-2023
B.L.I.Sc.
Paper-III KOP (Theory)

MM-7.5

Q1. Define the Recent Development in Library Classification Schemes.

Q2. Define the Library Cataloguing: Definition, Need and Purpose.



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Department of Library & Information Science
IInd CCE Examination (Mode-Assignments)
Session December 2022-2023
B.L.I.Sc.
Paper-IV KOP (Practical)

MM-7.5

Q1. Write the main class of the following titles (Any 10)

- a) Education
- b) Library and Information Science
- c) Physics
- d) Chemistry
- e) Medical Science
- f) Fine Arts
- g) Psychology
- h) Literature
- i) Married Woman
- j) Technology
- k) Pure Science
- l) Religion
- m) Social Science
- n) Study and Teaching of Science
- o) Muslim Law
- p) Marathi Dictionary
- q) Rugs and Carpets
- r) Stage Decoration


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IInd CCE Examination (Mode-Assignments)
Session December 2022-2023
B.L.I.Sc.
Paper-V Information Sources, Services & User Studies

MM-7.5

Q1. Describe the Bibliographies: Definition, Need and Purpose.

Q2. Write short note on the following :- (Any Three)

- a) Encyclopedias,
- b) year Books
- c) Almanac
- d) Dictionaries
- e) Directories
- f) Handbooks



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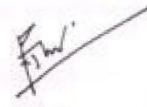
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IInd CCE Examination (Mode-Assignments)
Session December 2022-2023
B.L.I.Sc.
Paper-VI Information Storage & Retrieval

MM-7.5

Q1. Write a short essay on the CAS and SDI Services.

Q2. Write short note on the following: - (Any Two)

- a) UNISIST
- b) NISCAIR
- c) NASSDOC
- d) DESIDOC
- e) INFLIBENT


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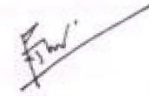
Career College, Bhopal
Department of Library & Information Science
II nd CCE Examination (Mode-Assignments)
Session December 2022-2023
B.L.I.Sc.
Paper-VII Information Technology: Basics

MM-7.5

Q1. Write a short note on the following: - (Any Two)

- a) Digital Library
- b) Virtual Library
- c) Electronic Library

Q2. Describe the Problems and Issues of Library Automation in an Academic Library.


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Career College, Bhopal

DEPARTMENT OF HUMANITIES

CAREER COLLEGE, BHOPAL

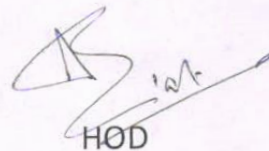
Department of Humanities

Session :2022-2023

Date:01/11/2022

// NOTICE //

This is to inform to all the students of department of humanities that from 7th of November 2022 there will be CCE [internal] exams per the Timetable . All students should attend and come to the college .



HOD

Career college ,BHOPAL

Career College, Bhopal
B.A. First Year
CCE-2 Examination
Session - (2022-23)
Reporting Time - 10:30 A.M.
Exam Time - 1 Hour

S.No.	Day & Date	Subject
1	Monday (20/03/2023)	Major Paper 1
2	Tuesday (21/03/2023)	Major Paper 2
3	Thursday (23/03/2023)	Minor Paper
4	Friday (24/03/2023)	Elective & Open elective
5	Saturday (25/03/2023)	Vocational Subject

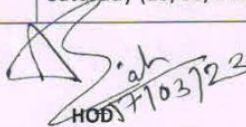
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HOD
Department of Humanities
Govindpura, BHEL, Bhopal

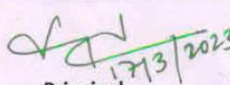
[Handwritten Signature]
Principal
Career College Bhopal

Department of Humanities
Career Collage
Govindpura, BHEL, Bhopal

Career College, Bhopal
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CAREER COLLEGE BHOPAL

CCE 2 EXAMINATION

B.A. First Year

2022-23

Major-I

History (Idea of Bharat)

TOTAL MARKS 27 ~~out of~~ 27

(Very Short answer type question)

Attempt any one questions (3 marks each)
(fuEufyf[kresa ls ,d iz'udks gydjsa)

Ques. 01 Manu Smruti ?

lkz'u 1 मनु स्मृति?
OR

Ques. 01 Charak Samhita ?

lkz'u 1 चरक संहिता?

Ques. 02 Purushaartha ?

lkz'u 2 पुरुषार्थ ?
OR

Ques. 02 Purushasukta ?

lkz'u 2 पुरुषसूक्त ?

Ques. 03 Brahmi Script ?

lkz'u 3 ब्राह्मी लिपि ?
OR

Ques. 03 Kharoshti Script ?

lkz'u 3 खरोष्ठी लिपि ?

(Short answer type question)

Attempt any one question (9 marks)
(fuEufyf[kresa ls ,d iz'udks gydjsa)

Ques. 01 What is the Indian View of history? Describe.

Signature

lkz'u 01 इतिहास के बारे में भारतीय दृष्टिकोण क्या है? इसे समझाओ।
OR

Ques. 01 What is the Indian Perception of Time and Space ?

lkz'u 01 समय और स्थान की भारतीय धारणा क्या है?

Ques. 02 Through light on the theory of "Vasudhaiva Kutumbhakam".

lkz'u 02 "वसुधैव कुटुम्बकम्" की अवधारणा की व्याख्या करें?
OR

Ques. 02 What are the mathematical achievements in ancient India ?

lkz'u 02 प्राचीन भारत में गणितीय उपलब्धियाँ क्या हैं?

Ques. 03 Explain ancient Indian Education System, with the reference of guru shishya parampara.

lkz'u 03 गुरु शिष्य परम्परा के संदर्भ में प्राचीन भारतीय शिक्षा प्रणाली की व्याख्या कीजिए।
OR

Ques. 03 What are Vedangas? Their Importance ?

lkz'u 03 वेदांग क्या हैं? उनका महत्व?

Ques. 04 What were the Medical Science Achievements in ancient India?

lkz'u 04 प्राचीन भारत में चिकित्सा विज्ञान की उपलब्धियाँ क्या थीं?
OR

Ques. 04 What was the Indian view of Environmental Conservation in Ancient times ? Give references.

lkz'u 04 प्राचीन काल में पर्यावरण संरक्षण के प्रति भारतीय दृष्टिकोण क्या था ? संदर्भ दें।

(Long answer type question)

Attempt any one question (15 marks)
fuEufyf[kresa ls ,d iz'udks gydjsa

Ques. 01 What were the Scientific achievements of ancient India ?

lkz'u 01 प्राचीन भारत की वैज्ञानिक उपलब्धियाँ क्या थी ?
OR

Ques. 01 What was the nature of polity and governance in ancient India ?

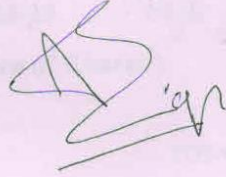
lkz'u 01 प्राचीन भारत में राजव्यवस्था और शासन की प्रकृति क्या थी ?

Ques. 02 What is the Idea behind name "Bharata" ? explain its background.

Ikz'u 02 "भारत" नाम के पीछे क्या विचार है? इसकी पृष्ठभूमि की व्याख्या करें?
OR

Ques. 02 What were the salient features of ancient Indian Art and Culture ?

Ikz'u 02 प्राचीन भारतीय कला और संस्कृति की मुख्य विशेषताएं क्या थीं?

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CAREER COLLEGE, BHOPAL

CCE EXAM 2022-23

CLASS - B.A. Ist yrName of Subject - HistoryPaper - Major IDate - 07/11/22

S.No.	Name of Student	Sinature	Remark
1°	Arman Rai	Rai	
2°	Piyush chawda	Piyush	
3°	Anshat Rastwar	Anshat	
4°	Abhay Mishra	Abhay	
5°	Shubhanshu Patel	Shubhanshu	
6°	Mohit Jain	Mohit	
7°	Raja Parmar	Raja	
8°	Rameshwaram Dhakad	Rameshwaram	
9°	Harsh Pawak	Harshpawak	
10°	Mahi Jain	Mahai	
11°	Laxmi Dehariya	Laxmi	
12°	Raksha Jain	RAKSHA	Assignment Incomplete
13°	Ganjan Raghunathi	Ganjan	
14°	Savita Akirwar	Savita	
15°	Saurabh Yadav	Saurabh	
16°	Abhishek Bagul	Abhishek	

Subject Faculty

HOD

07/11/22