



Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur

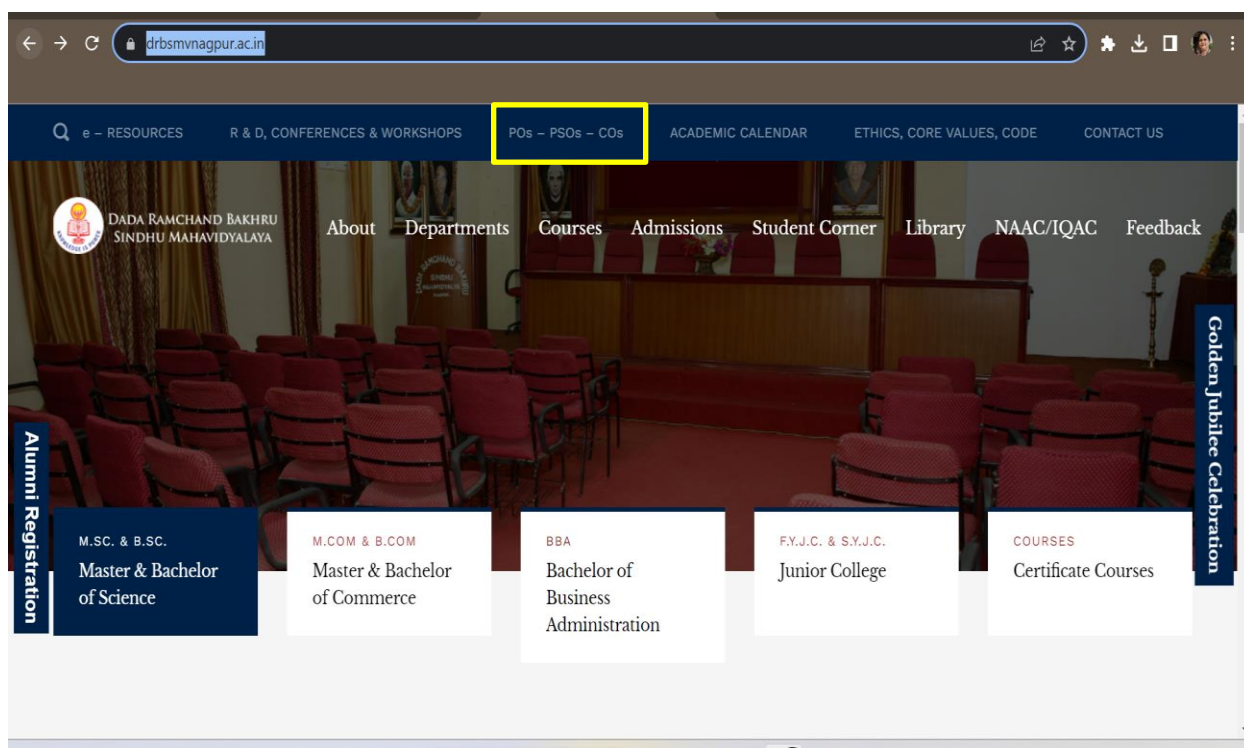
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Academic Session 2022-23

2.6.1 Mechanism of Communication of Course Outcomes

- POs, PSOs and COs Displayed on College Website for all stakeholders
- College website - <https://drbsmynagpur.ac.in/>



VP
Officiating Principal
Dada Ramchand Bakhru
Sindhu Mahavidyalaya, Nagpur-17



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- IQAC Co-ordinator explains the POs, PSOs and COs to student during Student Induction Programme- “Diksharambha”




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- **Teacher communicates COs in classroom to students**



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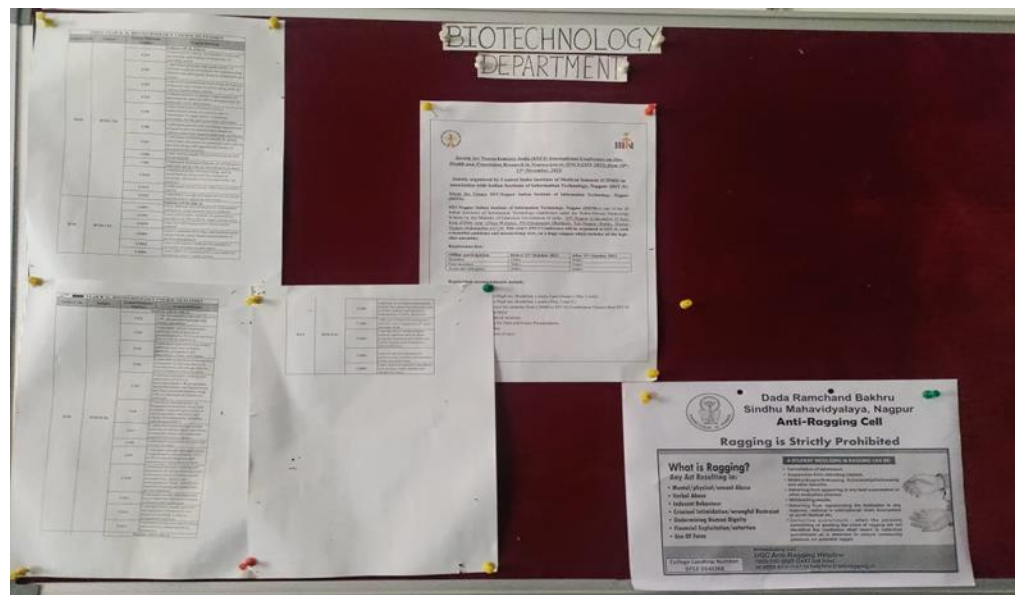
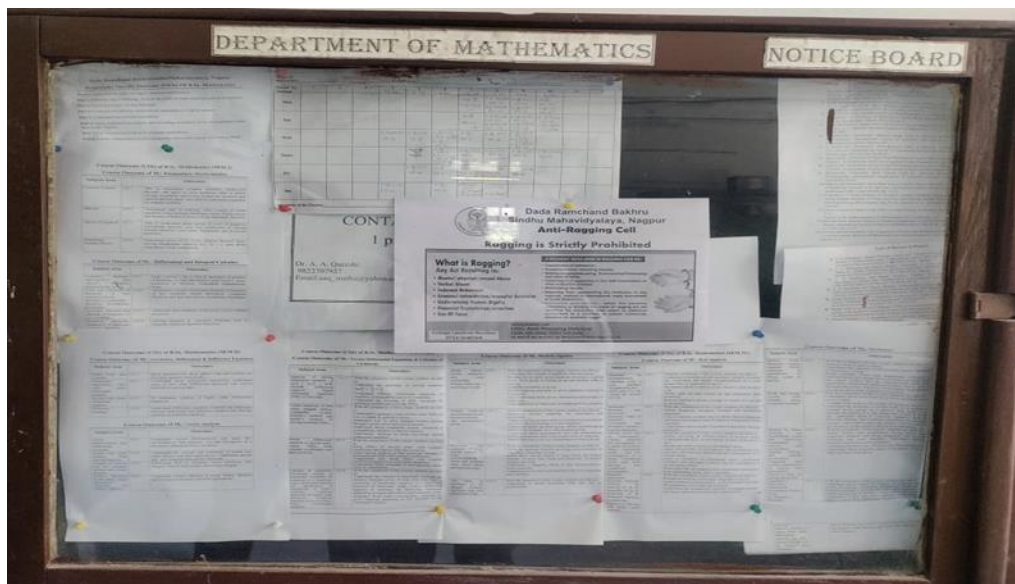


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- POs, PSOs and COs Displayed on Notice Board of Department

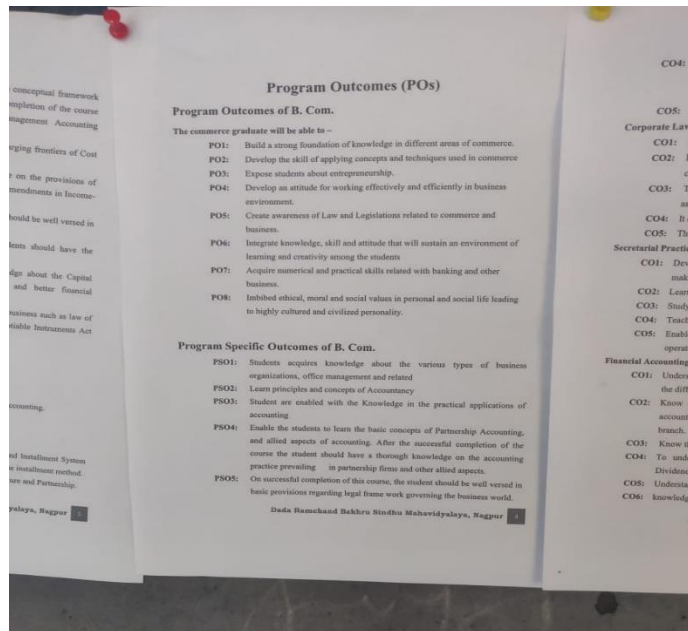



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Department of Commerce




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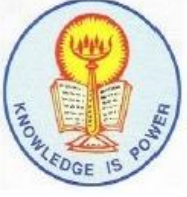
- COs are stated in Unit Test papers

DADA RAMCHAND BAKHRU SINDHU MAHAVIDYALAYA, NAGPUR
DEPARTMENT OF ZOOLOGY
SESSION 2022-23

Semester I Paper II (Environmental Biology) Unit IV			
Time: 45 min		[Max. Marks: 15]	
Instructions to Candidates:			
1) All questions are compulsory.			
2) Draw well labeled diagram wherever necessary.			
Question	Description of Question	Marks	CO
1 (a)	Describe sources and effects of Air pollution	10	C11
-- OR --			
(a)	Sources of Noise pollution	05	C11
(b)	Biomagnification	05	C12
2	Write 4 or 5 lines on the following		
i.	Decibel	01	C11
ii.	Eutrophication	01	C11
iii.	Acid rain	01	C11
iv.	Sewage	01	C11
v.	Green house effect	01	C11




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Dada Ramchand Bakhru Sindhu Mahavidyalaya, Panchpaoli Nagpur

B.com Sem I

SUBJECT- COMMERCIAL SERVICES

Unit Test 1

Session 2022-23

Total Marks 20

1. Define Commercial Services. And explain its scope.

वाणिज्यिक सेवाओं को परिभाषित करें। तथा इसके कार्यक्षेत्र को व्याख्या कीजिए। co1 6

2. Explain in detail the future opportunities in Aviation Services/ Industry in India.

भारत में विमानन सेवाओं/ उद्योग में भावी अवसरों की विस्तार से व्याख्या कीजिए। co2 6

3. Explain Emerging Trends in the Indian Hospitality Industry in detail.

विस्तार में भारतीय आतिथ्य उद्योग में उभरते रुझान समझाओ। co2 8




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DEPARTMENT OF COMMERCE

UNIT TEST – I

SESSION : 2022-23

CLASS : B.COM SEM III

SUB : MONETARY ECONOMICS (Unit 1 & 2)

Q: 1 A) Explain the functions of money.

OR

B) Explain the concept of Paper Currency and write the advantages and disadvantages of Paper Currency.

CO1 (08)

2) a) Discuss the causes and impact of deflation.

OR

b) "Inflation is unjust but deflation is dangerous." Comment

CO2 (08)

3 Explain concept of Metal Money and Plastic Money

CO1 (04)




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Dada Ramchand Bakhru Sindhu Mahavidyalaya, Nagpur
Department of Zoology
Session 2022-23
M.Sc. II Sem III
Unit Test 1
Paper-I, Parasitology and Immunology

Unit - III

Time: 60 min

Max. Marks: 20

Q. 1	Explain classical, alternative and lectin pathway. Write note on biological consequences of complement activation	16M	CO8
	OR		
i)	Write short note on cells and organs of immune system	08 M	CO6
ii)	Describe innate and adaptive immunity. Add note on antigen and antibodies interaction	08 M	CO5
Q.2	Write in brief the following:		
	MHC molecule	04 M	CO7




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Academic session 2022-23

M.Sc. Mathematics Part-I

SEM – I

UNIT TEST

PAPER - III (TOPOLOGY-I)

UNIT – II

Time: 60 min

Max. Marks: 25

Q. 1	Define a subspace of a topological space (X, τ) and prove that it is also a topological space.	10M	CO9
	OR		
	Let τ^* be a family of closed sets in a topological space (X, τ) , then prove that τ^* is closed with respect to arbitrary intersection and finite union.	10M	CO10
Q. 2	In a topological space (X, τ) prove that a set is closed iff its complement is open set.	10M	CO10
	OR		
	Let N_0 be a cardinal number of a set of natural numbers N , then prove that both equations $N_0 x = N_0$ and $N_0 + x = N_0$ have a solution $x = N_0$.	10M	CO9
Q. 3	Topologize the real numbers by choosing as a base the family of all half-open interval $[a, b)$, for every pair of real numbers a and b . Verify that this is a base for a topology and describe the open sets.	5M	CO9




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- COs are also stated in Prelim Examination question papers

DADA RAMCHAND BAKHRU SINDHU MAHAVIDYALAYA, NAGPUR

Preliminary Examination 2022-23
Bachelor of Commerce (B.Com.) Semester-II
FINANCIAL MARKET OPERATIONS

Compulsory Paper—2

Time : Three Hours]

[Maximum Marks : 80

N.B. :- (1) ALL questions are compulsory.
(2) All questions carry equal marks.

1. (a) Write the meaning of Investment Companies. What are the different functions of investment companies? 8 C01
(b) What are Development Banks? What functions are performed by Development Banks? 8

OR

(c) Write in brief about SEBI [Securities Exchange Board of India]. Throw light on its functions and role. 16

2. (a) What is Capital Market? Write the Characteristics and Importance of Capital market. 8 C02
(b) What is Primary Market? Write about the different constituents/Players of Primary Market. 8

OR

(c) Explain different methods of procuring Long Term Funds. 16

3. (a) What is Secondary Market? Write about its Role and Importance. 8 C03
(b) Write a note on National Stock Exchange. 8

OR

(c) Explain in detail the functions of Stock Exchange. 16

4. (a) Define Money Market. Write in brief about its different constituents. 8 C04
(b) What do you mean by Credit Rating? What are its Benefits? 8

OR

(c) Write in brief about role and functions of Credit Rating Agencies CRICIL and ICRA. 16

5. Answer in brief :

- (a) What do you mean by Merchant Banking? 4 C01
(b) Differentiate between Right Shares and Bonus Shares 4 C02
(c) Write short notes on Bombay Stock Exchange. 4 C03
(d) Write about Treasury Bills & Commercial Papers? 4 C04

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**Dada Ramchand Bakhru Sindhu Mahavidyalaya,
Panchpaoli, nagpur
Preliminary Examinations, Summer 2022-23
Bachelor of Commerce (B.Com.) (Semester-VI) Examination
ADVANCE STATISTICS**

Time : Three Hours]

[Maximum Marks : 80

N.B. :— (1) ALL questions are compulsory.

(2) All questions carry equal marks.

1. (A) Explain the merits and limitations of co-efficient of Correlation.

8 CO1

(B) Calculate Rank co-efficient of correlation :

x	=	80	91	99	71	61	81	70	59
y	=	123	135	154	110	105	134	121	106

8

OR

(C) Calculate the co-efficient of correlation from the following data :

Test Marks	Age in Year				Total
	19	20	21	22	
200—250	4	4	2	1	11
250—300	3	5	4	2	14
300—350	2	6	8	5	21
350—400	1	4	6	10	21
	10	19	20	18	67

16

2. (A) Explain the utility and importance of Regression.

8 CO2

(B) Find out by Regression equation :

Average Age of Husbands 25 years

Average Age of Wives 22 years

Standard Deviation for Age of Husbands 4 years

Standard Deviation for Age of Wives 5 years

Co-efficient of correlation between age of Husband and Wives = 0.8.

8

OR

(C) Find out the following :

(1) Co-efficient of correlation

(2) Two regression equation

(3) Most likely value of X when Y = 36

(4) Most likely value of Y when X = 52




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