

For Best Practices 5.1

**The answer sheets of Toppers in House exams are displayed in whatsapp group/google classroom/website.
Photographs are attached below :**



Govt. Degree College Bassa (Gohar)
Distt. Mandi (H.P.)

Home Examination Sheet Book

Answer Book 12 pages

For Examiner Only

No. No.	Answer
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

INSTRUCTIONS: Read the instructions carefully:
1. Write on both sides except the reverse of 100 pages of the answer books.
2. In questions having to be done previous books, pages of reference of any kind shall be valid for identification purposes.
3. The answer book must be handed over to the concerned invigilator once the question has been attempted.
4. Disciplinary action will be taken against candidates who return the answer book empty blank or who write something which is not related to the subject.
5. All the candidates must write all the titles paper & fill in the heading over the answer sheet in the beginning.
6. No candidate is allowed to leave the examination hall till the expiry of half of the allotted time.

For Candidates Only
(Fill up the following particulars)

1. Name of the examination PGD
2. Class B.Sc. 1st year
3. Exam Seat No. 95811001
4. University Roll No. 20230130090 5001
5. Subject BOTANY
6. Paper Title Economic Botany and Biotechnology
7. Paper Code BOYA 301
8. Date 18-12-20

Examiner's Signature

Section - A

- Centre of Origin of wheat & Atriplex = Asia minor
Tetraploid = North Africa
Hexaploid = Central Asia
- All of these
- Austroasiatic
- Rapid & Random Amplified Polymorphic
- Neofunctionalizing
- Biological processes: Restriction Endonucleases
- Agarose gel electrophoresis principle: The principle is that the DNA is not charged particle which moves in the influence of electric field towards the highly charged side.
- ELISA: Enzyme linked Immuno-sorbent assay
- Phc Jeffrey
- Callus: Differentiated mass cell population that produced when the cells are put in a soft in nutrient media in plant tissue culture.
- Annealing & Extension are the phases in PCR in which the template base (3' to 5' part) and primer get attached to the DNA.
- Glycolysis

Section - B

- 1) Northern Blotting: It is a hybridization technique in which the particular size of RNA is isolated from the nucleus. This process was discovered by Alvin, Kemp. In this technique the RNA of particular size is isolated from the nucleus. The probes are raised so as which are radiolabelled and via complementarity to the particular size of the RNA.
- 2) Steps involved in the Northern Blotting:
 - a) RNA is isolated from the system, it may be mRNA. The RNA is single stranded molecule.
 - b) Then formaldehyde is added to the RNA which is extracted.
 - c) Though RNA is single stranded but it can form the bonds between them, so to prevent this process formaldehyde is added to it which prevent formation of bond between them.
 - d) The RNA are then treated with many restriction endonucleases which digest the RNA molecule at various sites. The RNA is breakdown into

8:45

VoD LTEB 44%

← Answersheet of ho... ⋮



Bhumika Thakur
Handed in



Answer s...



Private comments

No comments

8:47 📶 44%

☰ ⚙️ ⋮

Economic botany and...

B.Sc 3Rd Year

[✍️ New announc...](#) [↻ Repost](#)

 **New assignment:**
Answersheet of ho...
Posted 4 Feb (Edited 2...)

⋮

[Add class comment](#)

 **New material:**
Groundnut
Posted 24 Nov 2025 (E...)

⋮

[Add class comment](#)

 ...


Stream


Classwork


People

☰ □ ◀

← Answersheet of ho... ⋮



Monika Thakur

Handed in

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 economi... ✕

Private comments

No comments

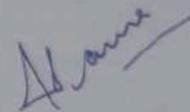
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Return

☰ □ ◀

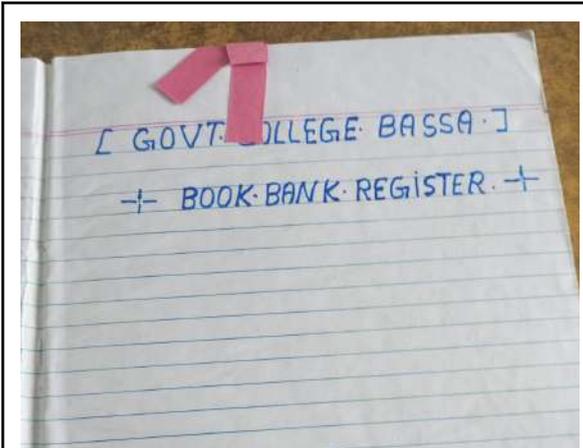
The Department of English initiated honouring the performers in the class by making them leaders of small groups and by assigning them the duties to evaluate the test scripts of other students in the next test. Every time the new toppers are given a chance to be the leaders.

In the session 2024-25, I devised a method of making group leaders in my class of BA DSC, on the basis of their class performances. For example Vedika, Class roll no 24BA064, Aditi Thakur, Class Roll no 24BA088, Ishita Thakur, Class Roll 24BA128, and Sanjna, class roll 24BA245 were made leaders at first, and similarly other students were given chance as per their further performances. The leaders were given the responsibilities of evaluating routine class Test Scripts, and also helped their groups in making assignments etc. This method helped in motivating their day to day class performances.



Prof. Archana Sharma
Department of English
GC Bassa (Gohar) Mandi HP

Book bank



MATHS				ZOOLOGY			
S.No.	TITLE	AUTHOR	DEP. MATHS	S.No.	TITLE	AUTHOR	DEP. ZOOLOGY
300	Differential Equations	D.R. Sharma	BA/B.Sc.I	336	Zoology (Reproduction Biology)	Dr. Rajendra	B.Sc. Part - II
301	Differential Calculus	D.R. Sharma	BA/B.Sc.I	337	Zoology (Immunology)	Dr. Chandra Shekhar	B.Sc. Part II
302	Vector Calculus	D.R. Sharma	BA/B.Sc.II	338	Zoology (Development and Diseases)	Dr. Ashok Kumar	B.Sc. Part III
303	Vector Calculus	D.R. Sharma	BA/B.Sc.II	339	Zoology (Developmental Biology)	Dr. Ashok Kumar	B.Sc. Part III
304	Integral Calculus	D.R. Sharma	BA/B.Sc.II	340	Embryology and Histology	Dr. Ashok Kumar	B.Sc. Part III
305	Integral Calculus	D.R. Sharma	BA/B.Sc.II	341	Vertebrate Comparative Anatomy & Experimental Biology	Dr. Ashok Kumar	B.Sc. I Sem III
306	Integral Calculus	D.R. Sharma	BA/B.Sc.II	342	Cytogenetics, Evolutionary & Cell Biology for Zoology	K.M. Bhatia	B.Sc. II 1st Sem
307	Mathematics	D.R. Sharma	BA/B.Sc.II	343	Zoology with Physiology and Biochemistry	Dr. Ashok Kumar	B.Sc. Part II Sem II
308	Non-linear methods	D.R. Sharma	BA/B.Sc.II	344	Zoology with Paper in Microbiology	Dr. Ashok Kumar	B.Sc. Part II Sem II
309	Algebra and Trigonometry	D.R. Sharma	BA/B.Sc.II	345	Animal Physiology & Biochemistry	Dr. Ashok Kumar	B.Sc. II Sem
310	Algebra and Trigonometry	D.R. Sharma	BA/B.Sc.II	346	Zoology with Paper in Biology of Chordates - II (Chang & Bhatia)	Dr. Ashok Kumar	B.Sc. Part I Sem II
311	Algebra and Trigonometry	D.R. Sharma	BA/B.Sc.II			Dr. Hem Raj	B.Sc. III Sem
312	Algebra and Trigonometry	D.R. Sharma	BA/B.Sc.II				
313	Algebra and Trigonometry	D.R. Sharma	BA/B.Sc.II				
314	Algebra and Trigonometry	D.R. Sharma	BA/B.Sc.II				
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324	Algebra and Trigonometry	D.R. Sharma	BA/B.Sc.II				
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326	Botany (General Botany)	Dr. B.B. Anand	B.Sc. Part - III				
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For 5.2 and 5.3 Social Impact of Extension activities:
 (On the basis of community feedback)
<https://gcbassa.ac.in/Content/Documents/202632280347NSSReport2024-25.pdf>

5.5 MOU with Sant Bham Enterprises to provide students access to industrial environments for applied and problem based research activities.

Memorandum of Understanding

Between

Govt.College Bassa Gohar

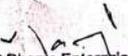
and

Sant Bham Enterprises.

Authority: MOU is prepared by and made between G.C.Bassa Gohar and the Sant Bham Enterprises.

Purpose of this MOU is to provide frame work for coördination and relationship between both the departments in order to strengthen and facilitate the teaching learning processes of learner other related activities. The MOU will enable to foster research collaboration between higher educational institution and industry .It can provide college students assess to industrial environment for applied and problem based research activity. This MOU will enhance the opportunity to provide employment for youth.


Principal 16/6/2024
Govt. College Bassa (Gohar)
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