

UG-AS-285 BZOOSA-11

**U.G. DEGREE EXAMINATION —
JULY 2022.**

Zoology

(From CY – 2020 onwards)

First Semester

ANIMAL DIVERSITY – I

Time : 3 Hours

Maximum marks : 70

PART A — (3 × 3 = 9 Marks)

**Answer any THREE questions out of five questions in
100 words.**

All questions carry equal marks.

- 1. Explain Binominal Nomenclature.**
- 2. Highlight contractile vacuoles in paramecium.**
- 3. What is Organ of Bojanus?**
- 4. Short note on types of scale.**
- 5. Draw a neat sketch on brain of pigeon.**

PART B — (3 × 7 = 21 Marks)

Answer any THREE questions out of five questions in
200 words.

All questions carry equal marks.

6. Write short notes on classification of Annelida.
7. Describe the structure of obelia colony.
8. Give on account on respiratory system of Lamellidens.
9. Present a brief account on male reproduction of calotes.
10. Illustrate and describe the venous system of Pigeon.

PART C — (4 × 10 = 40 Marks)

Answer any FOUR questions out of Seven questions in
500 words.

All questions carry equal marks.

11. Classify the phylum chordata upto classes.
12. Write an essay on parasitic adaptations of *Fasciola hepatica*.
13. Give an account on appendages of Prawn.

14. Illustrate and describe the respiratory system of Frog.
 15. Elaborate on urinogenital system of Rabbit.
 16. Classify the phylum arthropoda with suitable example.
 17. Explain the circulatory system of Calotes with a diagram.
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BBOTS-11

**U.G. DEGREE EXAMINATION —
JULY 2022.**

Botany

(From CY – 2020 onwards)

First Semester

PLANT DIVERSITY – I

Time : 3 hours

Maximum marks : 70

PART A — (3 × 3 = 9 marks)

**Answer any THREE questions out of five questions in
100 words.**

All questions carry equal marks.

- 1. Diatoms – describe.**
- 2. Red algae – explain with example.**
- 3. Describe reproduction in fungi.**
- 4. Asexual reproduction in Bryophytes – describe.**
- 5. Lichen is an environmental indicator – Explain.**

PART B — ($3 \times 7 = 21$ marks)

Answer any THREE questions out of Five questions in 200 words.

All questions carry equal marks.

6. Explain Life cycle of Algae.
7. Write Volvox reproduction.
8. Write Classification of Fungi.
9. Explain seed dispersal in Bryophytes.
10. Write notes on reproduction of Lichens.

PART C — ($4 \times 10 = 40$ marks)

Answer any FOUR questions out of Seven questions in 500 words.

All questions carry equal marks.

11. Narrate the Classification of Algae.
12. Give an account on Economic importance of Algae.
13. Write detailed account on Poly siphonia.
14. Describe the genus Puccinia.
15. Narrate the Characteristics of Riccia.
16. Give Ecological importance of Lichens.
17. Describe the life cycle of Albugo.

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BCAS-13

**U.G. DEGREE EXAMINATION –
JULY 2022**

(From CY – 2020 onwards)

First Semester

OFFICE AUTOMATION

Time : 3 hours

Maximum marks : 70

PART A — (3 × 3= 9marks)

Answer any **THREE** questions. Out of Five questions in
100 words.

All questions carry equal marks.

1. What is a computer?
2. How to save a file in Word document?
3. Write about Orientation?
4. What is a Menu?
5. How to Create an email –ID?

PART B— (3 × 7=21 marks)

Answer any THREE questions. Out of Five questions in
200 words.

All questions carry equal marks.

6. Explain the Evolution of computer?
7. Explain Formatting Text?
8. Briefly Explain Paragraph Indents?
9. Write about opening Spreadsheet?
10. Explain about the sorting data?

PART C— (4 × 10 = 40 marks)

Answer any FOUR questions out of Seven questions in
500 words.

ALL questions carry equal marks.

11. Describe in detail about Generation of Computers?
12. Explicate in detail about working with documents?
13. What is Toolbar and explain in detail about adding and deleting features to the toolbar?
14. Discuss about Shortcut Keys in Excel?

15. Discuss about the working with slides in detail.
 16. Describe formatting a presentation?
 17. Explain Google Gmail in detail?
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UG-AS-288 BZOOSA-22

**U.G. DEGREE EXAMINATION —
JULY 2022.**

Zoology

(From CY – 2020 onwards)

Second Semester

ECONOMIC ZOOLOGY

Time : 3 hours

Maximum marks : 70

PART A — (3 × 3 = 9 marks)

**Answer any THREE questions out of five questions in
100 words.**

All questions carry equal marks.

- 1. Enlist a few Beneficial insects.**
- 2. Define exotic fishes and their demerits.**
- 3. Write about Indian Bee.**
- 4. Mention the processing of cocoon.**
- 5. What is Layers with example?**

PART B — (3 × 7 = 21 marks)

Answer any THREE questions out of five questions in
200 words.

All questions carry equal marks.

6. Write the general characteristic features of sugarcane pests.
7. Give an account on freshwater prawn culture.
8. Comment on development of Apiary in India.
9. Briefly discuss about life history of *Bombyx mori*.
10. Elucidate the different rearing methods of Fowl.

PART C — (4 × 10 = 40 marks)

Answer any FOUR questions out of seven questions in
500 words.

All questions carry equal marks.

11. Comment on the parasitic adaptations of Mosquito.
12. Write an essay on basic principles of different aquaculture system.

13. Enumerate the modern methods of Apiary management.
 14. Give an account on rearing of *Bombyx mori*.
 15. Explain disease of poultry and their management.
 16. Describe the types of honey bees and add note on it bionomics.
 17. Present a detail account on sericulture in India
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U.G. DEGREE EXAMINATION —
JULY, 2022.

Botany

(From CY – 2020 onwards)

Second Semester

PLANT DIVERSITY - II

Time : 3 hours

Maximum marks : 70

PART A — (3 × 3 = 9 marks)

Answer any THREE questions out of Five questions in
100 words.

All questions carry equal marks

1. Distinguish between monocious and dioecious plant with examples.
2. Expound the vascular system in *Marsilea*.
3. List out any three salient features of Gymnosperms.
4. Comment on Coralloid root.
5. Comment on Petrification.

PART B — (3 × 7 = 21 marks)

Answer any THREE questions out of Five questions in
200 words.

All questions carry equal marks

6. Describe the general characteristics features of Pteridophytes.
7. Discuss about the internal structure of stem in *Selaginella*.
8. Enumerate the salient features of affinities between Gymnosperms and Angiosperms.
9. Elucidate the internal structure of *Gnetum* roots.
10. Write a note on types of era in Geological time scale.

PART C — (4 × 10 = 40 marks)

Answer any FOUR questions out of Seven questions in
500 words.

All questions carry equal marks

11. How will you classify Pteridophytes according to Sporne Concept?
12. Give a detailed account on life cycle pattern of *Lycopodium*.

13. Outline the classification of Gymnosperms and validate their salient features.
 14. Discuss in detail about the sexual reproduction in *Pinus* with suitable diagram.
 15. Explain in brief about the morphology and internal structure of *Rhynia*.
 16. Give a detailed account on the methods of reproduction in *Equisetum*.
 17. Describe the male and female gametophytes development in *Gnetum*.
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