

(6 pages)

Reg. No. :

Code No. : 30704 E Sub: Code : EEZO 11/
FEZO 11

B.Sc. (CBCS) DEGREE EXAMINATION,
APRIL 2025.

First Semester

Zoology — Major Elective

ALLIED ZOOLOGY — I

(For those who joined in July 2023 onwards)

Time : Three hours Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. Father of modern taxonomy is
 - (a) Aristotle (b) Linnaeus
 - (c) Darwin (d) Mendal
2. Free living platy helminthes forms belong is the class
 - (a) Cestoda (b) Trematoda
 - (c) Turbellaria (d) Nematoda

3. The most important character of phylum Arthropoda is
 - (a) Three pair legs
 - (b) Compound eyes
 - (c) Haemocoel
 - (d) Jointed appendages
4. Tube feet are characteristic structure of
 - (a) Star fish (b) Gray fish
 - (c) Jelly fish (d) Cuttle fish
5. One of the following is a unique feature of chordates
 - (a) Notochord (b) Nerve cord
 - (c) Gill slit (d) All of these
6. Amphibians are lived in _____
 - (a) Water
 - (b) Land
 - (c) Both in water and land
 - (d) Fly in air

7. Double circulation is exhibited in the class of
- (a) Pisces (b) Amphibians
- (c) Reptiles (d) Birds
8. An example for egg laying mammal is
- (a) Eclindna (b) Suncus
- (c) Pteropus (d) Manis
9. The number of cephalic appendages present in prawn is
- (a) 5 pairs (b) 6 pairs
- (c) 7 pairs (d) 8 pairs
10. Harelip is present in
- (a) Deer (b) Dog
- (c) Rabbit (d) Cow

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) Write notes on Coelom.
- Or
- (b) Discuss about characteristics of platyhelminthes.
12. (a) Explain Polychaeta.
- Or
- (b) Describe the features of echinodermata.
13. (a) Give an account on chondrichthes.
- Or
- (b) Explain lissamphibia
14. (a) Explain chelonia.
- Or
- (b) Enlist the general characters of mammals.

15. (a) List out the excretion of earthworm.

Or

- (b) With sketch explain the teeth of rabbit.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Describe the characters of protozoa

Or

- (b) Enlist the general features of Coelenterates

17. (a) Explain the general features of Arthropoda

Or

- (b) Write down the identification features and classification of phylum Echinodermata

18. (a) List out the classification of Chordata with examples.

Or

- (b) Write classification of Amphibia with example.

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19. (a) Write an essay on Carinatae and Ratitae

Or

- (b) Analyse the classification of mammals.

20. (a) Describe the digestive system of earthworm with neat labelled diagram.

Or

- (b) List out the larval forms of prawn.

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