

(6 pages)

Reg. No. :

Code No. : 10873 E Sub. Code : EEZO 11

B.Sc. (CBCS) DEGREE EXAMINATION,
NOVEMBER 2024.

First Semester

Zoology

Elective — ALLIED ZOOLOGY — I

(For those who joined in July 2023 only)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. Linnaeus is credited with introducing
 - (a) The concept of inheritance
 - (b) Law of limiting factor
 - (c) Theory of heredity
 - (d) Binomial nomenclature

2. Free living platyhelminthes forms belongs to the class
 - (a) Cestoda
 - (b) Trematoda
 - (c) Turbellaria
 - (d) Nematoda
3. Larva of annelida is
 - (a) Sarcodina
 - (b) Radula
 - (c) Trochophore
 - (d) Auricularia
4. Insecta is a class of
 - (a) Annelida
 - (b) Mollusca
 - (c) Arthropoda
 - (d) Echinodermata
5. Example for Urochordata
 - (a) Ascidian
 - (b) Amphioxus
 - (c) Jamoytius
 - (d) Petromyzon
6. Cold blooded animal
 - (a) Frog
 - (b) Pigeon
 - (c) Human
 - (d) All

7. In Aves, kidney is
(a) Pronephric
(b) Mesonephric
(c) Metanephric
(d) None
8. Prototheria are
(a) Egg laying mammal
(b) Birth to young ones
(c) Lay both egg and young one
(d) Pouched mammal
9. In earthworm the segment involved in formation of clitellum is
(a) 10-14 (b) 14-17
(c) 17-19 (d) 20-24
10. Bowmans capsule occurs in
(a) Pancreas
(b) Kidney
(c) Adrenal gland
(d) Spleen

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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 symmetry.
Or
(b) Write notes on characteristic features of protozoa.
12. (a) Explain Oligochaeta.
Or
(b) Describe crustaceans.
13. (a) Explain prochordates.
Or
(b) Discuss characteristic features of Amphibia.
14. (a) Describe Neornithes.
Or
(b) Write about metatheria.
15. (a) Give an account on reproductive system of earthworm.
Or
(b) Narrate respiratory system and its mechanism of rabbit.

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PART C — (5 × 8 = 40 marks)

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

Each answer should not exceed 600 words.

16. (a) Write an essay on Binomial nomenclature.

Or

- (b) Explain the classification of Aschelminthes.

17. (a) Describe the classification of arthropoda.

Or

- (b) Explain the characteristics of echinodermata.

18. (a) Highlight the characteristic features of vertebrata.

Or

- (b) Explain the classification of amphibia.

19. (a) Describe the general characters and classification of reptiles.

Or

- (b) Analyse the special features of mammals.

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20. (a) Describe the appendages of prawn.

Or

- (b) Write an essay on the digestive system and digestive glands of Rabbit.

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