

(6 pages)

Reg. No. :

Code No. : 11021 E Sub. Code : FEZO 11

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

First Semester

Zoology

Elective I — ALLIED ZOOLOGY – Paper – I

(For those who joined in July 2024 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. Choose the phyla which have false coelom
(a) Porifera (b) Aschelminthes
(c) Protozoa (d) Echinodermata
2. Which is the primitive group of protozoa?
(a) Ciliata (b) Sarcodina
(c) Flagellate (d) Sporozoa

3. Choose the salient features of phylum Arthropoda
(a) Segmented body
(b) Jointed legs
(c) Chitin exoskeleton
(d) All of these
4. Choose the connecting link between arthropoda and annelida
(a) Limulus (b) Sepia
(c) Peripatus (d) Petasma
5. Choose the unique characteristics of Chordata
(a) Notochord (b) Gill slits
(c) Nerve cord (d) All the above
6. In Cephalochordata, the notochord is present in the _____.
(a) Head
(b) Tail
(c) Trunk
(d) Posterior region

Page 2 **Code No. : 11021 E**



7. Choose the order in which the extinct reptiles are included

- (a) Chelonia
- (b) Odontognathae
- (c) Cotylosauria
- (d) Neognathae

8. Red Blood Cells are non nucleated in

- (a) Aves (b) Mammals
- (c) Reptiles (d) None of them

9. Choose the modified sebaceous gland in mammals

- (a) Pituitary
- (b) Mammary gland
- (c) Thyroid
- (d) Adrenal

10. Select the enzyme present in the saliva of rabbit

- (a) Sucrase (b) Lipase
- (c) Ptyalin (d) Protease

Page 3 **Code No. : 11021 E**

PART B — (5 × 5 = 25 marks)

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

Each answer should not exceed 250 words.

11. (a) Explain the binomial nomenclature.

Or

(b) Write a note on bilateral symmetry.

12. (a) Write a note on class crustaceans.

Or

(b) Draw the diagram of star fish and label all the parts.

13. (a) Explain the characteristics of Urochordata.

Or

(b) Write the characteristics of class Pisces.

14. (a) Write a note on pouched mammals.

Or

(b) Write a note on the parapsida.

15. (a) Explain the clitellum.

Or

(b) Draw the diagram of digestive system of rabbit and label all the parts.

Page 4 **Code No. : 11021 E**

[P.T.O.]



PART C — (5 × 8 = 40 marks)

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

Each answer should not exceed 600 words.

16. (a) Explain the general characteristics of phylum Protozoa.

Or

- (b) Explain the general characteristics of phylum Coelenterata.

17. (a) Discuss the characteristics of phylum Echinodermata.

Or

- (b) Discuss the characteristics of phylum Arthropoda.

18. (a) Discuss the general characteristics of Prochordata.

Or

- (b) Discuss the general characteristics of Amphibian.

19. (a) Discuss the general characteristics of Reptiles.

Or

- (b) Discuss the general characteristics of mammals.

20. (a) Describe the structure of respiratory system of rabbit.

Or

- (b) Discuss the cephalic appendages of Prawn.
-

