

KAMARAJ COLLEGE (Autonomous)

Accredited with A+ Grade by NAAC

(Affiliated to Manonmaniam Sundaranar University, Tirunelveli)

THOOTHUKUDI – 628 003

(4 Pages)

Reg. No:

Question. Code No : 2400062

Sub Code : 24UEZ011

UG Degree - End Semester Examinations, November 2024

First Semester

Zoology

ALLIED ZOOLOGY - I

(For those who joined in July 2024 onwards)

Time : 3 Hours

Maximum : 75 Marks

PART - A (10 × 1 = 10 Marks)

Answer ALL Questions

Choose the correct answer :

1. The earthworm is placed under the group
(a) Polychaeta (b) Hirudinea
(c) Oligochaeta (d) Crustacea
2. Protozoa are classified on the basis of
(a) locomotory (b) shape
 organelle
(c) number of nuclei (d) size

3. Flame cells are the excretory structure for
 - (a) Annelida
 - (b) Coelenterates
 - (c) Platyhelminthes
 - (d) Echinodermata
4. Which of the following is complete in Arthropods?
 - (a) circulatory system
 - (b) digestive system
 - (c) digestive system
 - (d) reproductive structures
5. Which of the following has a cartilaginous endoskeleton?
 - (a) Bony fishes
 - (b) Mollusca
 - (c) Dipnoi
 - (d) Elasmobranch
6. A frog has
 - (a) jaws but no teeth
 - (b) eyes but no lids
 - (c) ears but no pinnae
 - (d) hands but no fingers
7. Most reptiles are
 - (a) ammonotelic
 - (b) ureotelic
 - (c) ureotelic over land
 - (d) uricotelic
8. Name the body part, which is absent in birds?
 - (a) Forelimb
 - (b) Hindlimb
 - (c) Pectoral girdle
 - (d) Pelvic girdle
9. Select the major role of typhlosole in earthworm?
 - (a) respiration
 - (b) excretion
 - (c) absorption
 - (d) reproduction
10. Name the pigment responsible for the colour of the body in earthworm.
 - (a) Haemoglobin
 - (b) Blood
 - (c) Porphyrin
 - (d) Haemocyanin

PART - B (5X5=25Marks)

**Answer ALL Questions choosing either (a) or (b).
Answer should not Exceed 250 words.**

11. (a) Write the classes of Coelenterata with example.

(OR)

(b) Explain the features of Earthworm.

12. (a) List out the salient features of Class Crinoidea.

(OR)

(b) Give an account on the general characters of phylum Arthropoda.

13. (a) Explain the class Thaliacea with example.

(OR)

(b) Give an account on order of Dipnoi and Isospondyli.

14. (a) Explain the general characters of Aves.

(OR)

(b) Write the general characters of reptiles.

15. (a) Brief account on role of body setae in earthworm with diagram.

(OR)

(b) Explain the digestive system of rabbit.

PART - C (5 × 8 = 40 Marks)

Answer ALL Questions choosing either (a) or (b).

Answer should not Exceed 500 words.

16. (a) Discuss the general characters of phylum Platyhelminthes.

(OR)

- (b) Explain the types of symmetry in animals.

17. (a) Describe the general characters of Echinodermata with example.

(OR)

- (b) Classify phylum Mollusca with examples.

18. (a) List out the general characters of Chordata.

(OR)

- (b) Describe the characteristics features of class Pisces.

19. (a) Discuss the characteristics features of Mammalia.

(OR)

- (b) Classify phylum Reptilia with examples.

20. (a) Describe nervous system of Earthworm.

(OR)

- (b) Elaborate account on cephalic appendages of prawn.