

KAMARAJ COLLEGE (Autonomous)

Accredited with A+ Grade by NAAC

(Affiliated to Manonmaniam Sundaranar University, Tirunelveli)

THOOTHUKUDI – 628 003

(5 Pages)

Reg. No:

Question Code No : 25000609

Course Code : 24UEZO11

UG Degree - End Semester Examinations, November 2025

First Semester

ZOOLOGY ALLIED

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 science of naming organisms according to a standard system is called _____
(a) Taxonomy (b) Nomenclature
(c) Systematics (d) Phylogeny
2. Which group of animals is commonly referred to as Coelenterates?
(a) Flatworms (b) Sponges

- (c) Echinoderms (d) Cnidarians
3. Which of the following characters are present in Arthropods?
- (a) Segmented body, Jointed appendages and exoskeleton (b) Soft, unsegmented body
- (c) No coelom (d) Radial symmetry
4. To which type of coelomate groups does Mollusca belong?
- (a) Acoelomate (b) Pseudocoelomate
- (c) Eucoelomate (d) Coelomate
5. What is a characteristic feature of all prochordates?
- (a) Vertebral column present (b) Notochord present throughout life
- (c) Jaws present (d) Paired fins present
6. Which order of Amphibia is limbless and worm like?
- (a) Anura (b) Caudata
- (c) Urodela (d) Gymnophiona
7. Name of the class birds belong to:
- (a) Mammalia (b) Reptilia
- (c) Aves (d) Amphibia
8. Which one of the following characters is present in Marsupials?
- (a) Pouch for carrying young (b) Eggs with shells

one

(c) Aquatic life

(d) Placental

developmental

9. Name the organ of excretion in earthworm

(a) Malpighian tubules

(b) Nephridia

(c) Flame cells

(d) Green glands

10. Choose the type of symmetry present in Prawn.

(a) Bilateral

(b) Radial

(c) Asymmetrical

(d) Pentaradial

PART - B (5 X 5 = 25 Marks)

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

Answer should not exceed 250 words.

11. (a) State the principles of taxonomy and explain their significance.

(OR)

(b) Outline the classification of annelida upto classes with examples.

12. (a) List the general features of mollusca.

(OR)

(b) Classify echinodermata into major classes with suitable examples.

13. (a) Describe the main orders of amphibia with suitable

examples.

(OR)

(b) Classify the phylum prochordata into its major orders with examples.

14. (a) Outline the main orders of mammals with examples.

(OR)

(b) Enumerate the important features of aves with examples.

15. (a) Explain the appendages of prawn and its adaptations for aquatic life.

(OR)

(b) Mention the important organ systems of rabbit and their functions.

PART - C (5 X 8 = 40 Marks)

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

Answer should not exceed 500 words.

16. (a) Describe the main classes of Coelenterates and give one example of each.

(OR)

(b) Explain the criteria used for the classification of animals with suitable examples.

17. (a) Classify the phylum arthropoda into major classes with distinguishing features and examples.

(OR)

(b) Describe the general characteristics of echinodermata with suitable examples.

18. (a) Classify the main classes of pisces mentioning its characteristics with examples.

(OR)

(b) Compile the main features of prochordata with examples.

19. (a) Explain the classification of aves with examples.

(OR)

(b) Examine the general characters of reptilians with examples.

20. (a) Explain the anatomy of the earthworm with reference to any one organ system.

(OR)

(b) Describe the external body structure of rabbit with a labelled diagram.