



Class 11 Biology | Animal Kingdom

MCQ WORKSHEET • 15 questions • Choose one correct option • Suggested time: 25 minutes

1. An animal has pores, a canal system and choanocytes. Its phylum is

- A. Cnidaria B. Annelida C. Mollusca D. Porifera

2. A radially symmetrical animal has stinging cells. Identify the phylum.

- A. Echinodermata B. Cnidaria
C. Ctenophora D. Porifera

3. Comb plates used for locomotion are found in

- A. Ctenophores B. Flatworms
C. Sponges D. Roundworms

4. A triploblastic animal lacks a body cavity. It is likely a

- A. Earthworm B. Cockroach
C. Flatworm D. Roundworm

5. A body cavity not completely lined by mesoderm is called a

- A. Pseudocoelom
B. True coelom
C. Spongocoel
D. Gastrovascular cavity

6. Metameric segmentation and a closed circulatory system occur together in

- A. Hydra B. Earthworm C. Pila D. Ascaris

7. Which feature identifies Arthropoda?

- A. Flame cells
B. Water vascular system
C. Jointed appendages
D. Notochord

8. An animal has a mantle, muscular foot and visceral hump. It is a

- A. Annelid B. Mollusc C. Cnidarian D. Chordate

9. An adult is radially symmetrical but its larva is bilateral. It is likely an

- A. Annelid B. Arthropod
C. Flatworm D. Echinoderm

10. The water vascular system primarily assists an echinoderm in

- A. Nitrogen fixation
B. DNA replication
C. Locomotion and food capture
D. Silk secretion

11. Which structure is present in all chordates at some stage?

- A. Vertebral column
B. Four-chambered heart
C. Notochord
D. Mammary gland

12. A fish lacks an air bladder and has placoid scales. It belongs to

- A. Osteichthyes B. Amphibia
C. Cyclostomata D. Chondrichthyes

13. A bony fish is distinguished from a typical shark by

- A. Placoid scales
B. A cartilaginous skeleton
C. An operculum covering gills
D. Absence of jaws

14. Which reptile has a four-chambered heart?

- A. Lizard B. Snake C. Crocodile D. Turtle

15. Which character is uniquely mammalian among the options?

- A. Warm-bloodedness B. Mammary glands
C. Four limbs D. Internal fertilisation

ANSWER KEY — check after completing all 15 questions

1.D 2.B 3.A 4.C 5.A 6.B 7.C 8.B 9.D 10.C 11.C 12.D 13.C 14.C 15.B