

- ZOOLOGY

CHAPTER – 1: Animal Kingdom

1. Which of the following is a characteristic of all animals?
 - a) Autotrophic nutrition
 - b) Cell wall
 - c) Heterotrophic nutrition
 - d) Photosynthesis
2. Which phylum includes animals with radial symmetry?
 - a) Arthropoda
 - b) Mollusca
 - c) Cnidaria
 - d) Annelida
3. What is the primary feature of animals in the phylum Porifera?
 - a) Segmentation
 - b) Acoelomate body plan
 - c) Absence of true tissues
 - d) Bilateral symmetry
4. Which class of the phylum Cnidaria includes jellyfish?
 - a) Hydrozoa
 - b) Scyphozoa
 - c) Anthozoa
 - d) Cubozoa
5. Which phylum includes animals with a segmented body plan?
 - a) Echinodermata
 - b) Arthropoda
 - c) Platyhelminthes

Nematoda

6. Which of the following animals is a member of the phylum Mollusca?
 - a) Earthworm
 - b) Squid

- c) Jellyfish
 - d) Starfish
7. Which class of the phylum Arthropoda includes spiders and scorpions?
- a) Insect
 - b) Crustacea
 - c) Arachnida
 - d) Myriapoda
8. Which phylum is known for having anotochord at some stage of development?
- a) Chordata
 - b) Echinodermata
 - c) Cnidaria
 - d) Porifera
9. What is the main characteristic of animals in the phylum Annelida?
- a) Exoskeleton
 - b) Radial symmetry
 - c) Segmented body
 - d) Cnidocytes
10. Which of the following is a defining feature of the class Amphibia?
- a) Scales
 - b) Feathers
 - c) Moist skin
 - d) Exoskeleton
11. What type of symmetry is found in adult echinoderms?
- a) Bilateral symmetry
 - b) Radial symmetry
 - c) Asymmetry
 - d) Spherical symmetry
12. Which phylum includes animals with a pseudocoelom?

- a) **Platyhelminthes**
- b) **Annelida**
- c) **Nematoda**
- d) **Porifera**

13. Which class of the phylum Chordata includes mammals?

- a) **Reptilia**
- b) **Aves**
- c) **Mammalia**
- d) **Amphibia**

14. What is the common feature of all animals in the phylum Arthropoda?

- a) **Radial symmetry**
- b) **Exoskeleton**
- c) **No true tissues**
- d) **Water vascular system**

15. Which phylum is known for its water vascular system?

- a) **Echinodermata**
- b) **Arthropoda**
- c) **Mollusca**
- d) **Cnidaria**

16. What is the primary mode of feeding for animals in the phylum Porifera?

- a) **Filter feeding**
- b) **Predation**
- c) **Parasitism**
- d) **Herbivory**

17. Which of the following is not a characteristic of animals in the phylum Platyhelminthes?

- a) **Bilateral symmetry**
- b) **Coelomate body plan**
- c) **Flattened body**

- d) Acoelomate body plan
18. Which class of the phylum Mollusca includes snails and slugs?
- a) Bivalvia
 - b) Cephalopoda
 - c) Gastropoda
 - d) Polyplacophora
19. Which of the following animals exhibits bilateral symmetry?
- a) Jellyfish
 - b) Sponge
 - c) Starfish
 - d) Earthworm
20. What is the main characteristic of animals in the phylum Echinodermata?
- a) Exoskeleton
 - b) Water vascular system
 - c) Segmentation
 - d) Radial symmetry
21. Which phylum includes animals with a chitinous exoskeleton?
- a) Arthropoda
 - b) Mollusca
 - c) Annelida
 - d) Cnidaria
22. Which class of the phylum Insecta includes butterflies and moths?
- a) Diptera
 - b) Hymenoptera
 - c) Lepidoptera
 - d) Coleoptera
23. What is the common name for animals in the class Osteichthyes?
- a) Cartilaginous fishes
 - b) Jawless fishes

- c) Bony fishes
- d) Ray-finned fishes

24. Which of the following is not a characteristic of the phylum Cnidaria?

- a) Cnidocytes
- b) Bilateral symmetry
- c) Radial symmetry
- d) Two tissue layers

25. Which class of the phylum Chordata includes reptiles?

- a) Amphibia
- b) Mammalia
- c) Reptilia
- d) Aves

26. What type of coelom is found in animals of the phylum Annelida?

- a) Acoelomate
- b) Pseudocoelomate
- c) True coelomate
- d) No coelom

27. Which phylum is characterized by animals with a hydrostatic skeleton?

- a) Annelida
- b) Nematoda
- c) Cnidaria
- d) Arthropoda

28. Which phylum includes animals with a body divided into head, thorax, and abdomen?

- a) Arthropoda
- b) Mollusca
- c) Echinodermata
- d) Annelida

29. Which class of the phylum Arachnida includes spiders?

- a) Araneae
- b) Scorpiones
- c) Acarina
- d) Opiliones

30. Which phylum includes animals with a body plan that features jointed legs?

- a) Arthropoda
- b) Annelida
- c) Mollusca
- d) Platyhelminthes

31. What is the defining feature of animals in the phylum Cnidaria?

- a) Exoskeleton
- b) Cnidocytes
- c) Chitinous exoskeleton
- d) Jointed appendages

32. Which phylum includes animals with a well-developed head and a coelom?

- a) Mollusca
- b) Annelida
- c) Arthropoda
- d) Echinodermata

33. Which class of the phylum Mollusca includes clams and oysters?

- a) Bivalvia
- b) Gastropoda
- c) Cephalopoda
- d) Polyplacophora

34. Which phylum is characterized by a body plan with radial symmetry and no coelom?

- a) Cnidaria
- b) Arthropoda

c) Annelida

d) Mollusca

35. What is the primary characteristic of animals in the phylum Nematoda?

a) Segmentation

b) Exoskeleton

c) Pseudocoelom

d) Radial symmetry

36. Which phylum includes animals with a soft, unsegmented body often protected by a shell?

a) Mollusca

b) Annelida

c) Cnidaria

d) Echinodermata

37. Which class of the phylum Chordata includes birds?

a) Mammalia

b) Reptilia

c) Aves

d) Amphibia

38. Which phylum includes animals that are exclusively marine and exhibit pentaradial symmetry?

a) Echinodermata

b) Cnidaria

c) Arthropoda

d) Mollusca

39. Which of the following is a key feature of the phylum Chordata?

a) Notochord

b) Radial symmetry

c) Exoskeleton

d) Segmentation

- 40. Which class of the phylum Arthropoda includes crabs and lobsters?**
- a) Insecta**
 - b) Arachnida**
 - c) Crustacea**
 - d) Myriapoda**
- 41. Which phylum includes animals that have a single body cavity and exhibit bilateral symmetry?**
- a) Platyhelminthes**
 - b) Annelida**
 - c) Arthropoda**
 - d) Mollusca**
- 42. Which class of the phylum Mollusca includes squid and octopuses?**
- a) Gastropoda**
 - b) Bivalvia**
 - c) Cephalopoda**
 - d) Polyplacophora**
- 43. Which phylum includes animals with a gelatinous, non-segmented body and cnidocytes?**
- a) Cnidaria**
 - b) Annelida**
 - c) Mollusca**
 - d) Arthropoda**
- 44. Which class of the phylum Echinodermata includes sea stars?**
- a) Asterozoa**
 - b) Ophiurozoa**
 - c) Echinozoa**
 - d) Holothurozoa**
- 45. Which phylum includes the roundworms?**
- a) Nematoda**

- b) Annelida
- c) Platyhelminthes
- d) Mollusca

46. Which class of the phylum Insecta includes beetles?

- a) Coleoptera
- b) Diptera
- c) Hymenoptera
- d) Lepidoptera

47. Which phylum is characterized by animals with a hydrostatic skeleton and a simple digestive system?

- a) Annelida
- b) Nematoda
- c) Cnidaria
- d) Arthropoda

48. Which class of the phylum Chordata includes amphibians?

- a) Amphibia
- b) Reptilia
- c) Mammalia
- d) Aves

49. Which phylum includes animals with a body plan characterized by a true coelom and segmentation?

- a) Annelida
- b) Arthropoda
- c) Mollusca
- d) Nematoda

50. Which class of the phylum Arthropoda includes millipedes and centipedes?

- a) Myriapoda
- b) Insecta
- c) Crustacea

d) Arachnida

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A	C	C	B	C
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C	B	A	A	A
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B	A	A	A	C
36	37	38	39	40
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