

Classification of Animals

Biology · Practice Test · 30 Questions

1. What are the two main categories animals are divided into based on the presence of a backbone?

- A) Invertebrates and Arthropods
- B) Vertebrates and Mollusks
- C) Invertebrates and Vertebrates
- D) Crustaceans and Insects

2. Which phylum includes animals like sponges?

- A) Cnidaria
- B) Porifera
- C) Platyhelminthes
- D) Annelida

3. What is a characteristic used by scientists to classify animals into groups?

- A) Color
- B) Body plan
- C) Size
- D) Habitat

4. Which phylum is described as having simple body layers?

- A) Annelida
- B) Cnidaria
- C) Platyhelminthes
- D) Porifera

5. What are some examples of animals in the phylum Chordata?

- A) Sponges, jellyfish, corals
- B) Fish, amphibians, birds, mammals
- C) Earthworms, leeches
- D) Tapeworms, flatworms

6. The presence or absence of what is a key feature for classifying animals?

- A) A skeleton
- B) A vertebral column
- C) A coelom
- D) A nervous system

7. Which phylum includes animals like jellyfish and corals?

- A) Cnidaria
- B) Annelida
- C) Platyhelminthes
- D) Porifera

8. What type of animals are found in the phylum Annelida?

- A) Tapeworms
- B) Flatworms
- C) Earthworms and leeches
- D) Sponges

9. What are tapeworms and flatworms examples of?

- A) Annelids
- B) Cnidarians
- C) Platyhelminthes
- D) Chordates

10. What does the phylum Chordata include?

- A) Invertebrates
- B) Vertebrates
- C) Arthropods
- D) Mollusks

11. What are some examples of invertebrates mentioned?

- A) Fish, birds, mammals
- B) Sponges, jellyfish, worms
- C) Amphibians, reptiles
- D) Insects, spiders, crustaceans

12. What is a common feature of vertebrates?

- A) A vertebral column
- B) A coelom
- C) Simple body layers
- D) No backbone

13. What are the two broad categories that animals are classified into?

- A) Mollusks and Arthropods
- B) Invertebrates and Vertebrates
- C) Annelids and Cnidarians
- D) Platyhelminthes and Chordates

14. Which phylum contains animals that are commonly called "worms"?

- A) Cnidaria
- B) Annelida
- C) Porifera
- D) Platyhelminthes

15. Which of these is NOT a phylum mentioned in the text?

- A) Porifera
- B) Chordata
- C) Arthropoda
- D) Annelida

16. What does "bilharzia" refer to?

- A) A type of sponge
- B) A type of worm
- C) A type of jellyfish
- D) A type of fish

17. What are "fish, amphibians, birds, mammals" examples of?

- A) Invertebrates
- B) Arthropods
- C) Vertebrates
- D) Mollusks

18. What are "insects, spiders, crustaceans" examples of?

- A) Vertebrates
- B) Mollusks
- C) Arthropods
- D) Annelids

19. What is Planaria an example of?

- A) Annelida
- B) Cnidaria
- C) Platyhelminthes
- D) Porifera

20. What are "sea urchins, corals" examples of?

- A) Annelida
- B) Cnidaria
- C) Porifera
- D) Platyhelminthes

21. What is a characteristic of the phylum Cnidaria?

- A) Segmented bodies
- B) Simple body layers
- C) Presence of tentacles
- D) A vertebral column

22. What kingdom do animals belong to?

- A) Plantae
- B) Fungi
- C) Animalia
- D) Protista

23. The text mentions that scientists classify animals into approximately how many phyla?

- A) Ten
- B) Six
- C) Twenty
- D) Fifty

24. Which of the following are mentioned as characteristics for classification?

- A) Speed and size
- B) Diet and habitat
- C) Body plan and coelom
- D) Number of legs and wings

25. What is the primary characteristic that defines vertebrates?

- A) Having a backbone
- B) Having a coelom
- C) Having tentacles
- D) Being multicellular

26. Which phylum is characterized by having segmented bodies?

- A) Platyhelminthes
- B) Cnidaria
- C) Annelida
- D) Porifera

27. What does the term "cephal" likely relate to in the context of body plans?

- A) The tail
- B) The head
- C) The limbs
- D) The internal organs

28. The text mentions "open hs" which likely refers to what system?**

- A) Circulatory system
- B) Nervous system
- C) Digestive system
- D) Respiratory system

29. What is an example of a simple multicellular animal mentioned?

- A) Earthworm
- B) Jellyfish
- C) Tapeworm
- D) Spider

30. Which phylum includes animals that are often referred to as "flatworms"?

- A) Annelida
- B) Cnidaria
- C) Platyhelminthes
- D) Chordata