

Classification of Animals

Biology · Answer Key · 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