

Insect Classification and Characteristics

Biology · Answer Key · 29 Questions

1. Which insect order includes bees, wasps, and ants?

- A) Coleoptera
- B) Hymenoptera**
- C) Orthoptera
- D) Diptera

2. What is a distinctive feature of Orthoptera (grasshoppers and crickets)?

- A) Two pairs of wings and hind legs adapted for jumping**
- B) Flattened body and spiny legs
- C) Forewings are leathery
- D) Have piercing mouthparts

3. In which order are insects with large wings, large eyes, and small antennae found?

- A) Odonata (dragonflies and damselflies)**
- B) Hemiptera (bedbugs and water striders)
- C) Diptera (flies and mosquitoes)
- D) Dermaptera (earwigs)

4. What are the posterior wings of Diptera (flies and mosquitoes) adapted for?

- A) Flight
- B) Equilibrium**
- C) Digestion
- D) Camouflage

5. What unique appendages do Dermaptera (earwigs) possess?

- A) Antennae
- B) Piercing mouthparts
- C) Pincer-like appendages**
- D) Large compound eyes

6. Which insect order is characterized by a flattened body and spiny legs?

- A) Coleoptera (beetles)**
- B) Hymenoptera (bees, wasps, ants)
- C) Lepidoptera (butterflies and moths)
- D) Mantodea (mantises)

7. What type of mouthparts do Hemiptera (bedbugs and water striders) have for sucking?

- A) Mandibles
- B) Proboscis

C) Piercing mouthparts

- D) Chelicerae

8. What does the text state about the wings of Lepidoptera (butterflies and moths)?

- A) They are membranous
- B) They are leathery

C) They are of varied colors

- D) They are adapted for jumping

9. Which insect group has two pairs of wings that are often membranous?

- A) Coleoptera

B) Hymenoptera

- C) Lepidoptera
- D) Diptera

10. In which order are cockroaches and mantises classified?

- A) Orthoptera
- B) Mantodea

C) Blattodea

- D) Odonata

11. What is a characteristic of Odonata (dragonflies and damselflies)?

- A) Flattened body
- B) Leathery forewings

C) Large wings and large eyes

- D) Pincer-like appendages

12. Which insect order includes beetles?

- A) Hymenoptera

B) Coleoptera

- C) Diptera
- D) Hemiptera

13. What are the common examples of Hemiptera?

- A) Flies and mosquitoes
- B) Dragonflies and damselflies

C) Bedbugs and water striders

- D) Grasshoppers and crickets

14. What is a characteristic of the legs of insects in the order mentioned for cockroaches and mantises?

A) Adapted for jumping

B) Spiny

C) Used for sucking

D) Resemble pincers

15. Which insect order has membranous wings?

A) Coleoptera

B) Lepidoptera

C) Hymenoptera

D) Hemiptera

16. What does 'METDIMERUS' likely refer to in the context of insect development?

A) A type of nutrition

B) A stage of development

C) A characteristic of adult insects

D) A classification group

17. The text mentions 'Desarrollo Directo' and 'Desarrollo Indirecto'. What do these terms likely refer to?

A) Feeding habits

B) Wing structure

C) Types of metamorphosis

D) Body segmentation

18. What are 'Jugos' mentioned in relation to Hemiptera?

A) A type of wing

B) A body part

C) A substance they suck

D) A habitat

19. What are the common examples of Diptera?

A) Bees and wasps

B) Butterflies and moths

C) Flies and mosquitoes

D) Dragonflies and damselflies

20. What is a key characteristic of Odonata?

- A) Leathery forewings
- B) Piercing mouthparts
- C) Large wings and large eyes**
- D) Pincer-like appendages

21. Which order of insects has a flattened body?

- A) Lepidoptera
- B) Coleoptera**
- C) Hymenoptera
- D) Mantodea

22. What are the common examples of Hymenoptera?

- A) Beetles
- B) Flies
- C) Bees, wasps, and ants**
- D) Grasshoppers

23. What are the common examples of Orthoptera?

- A) Bedbugs and water striders
- B) Flies and mosquitoes
- C) Dragonflies and damselflies
- D) Grasshoppers and crickets**

24. The text mentions 'patas posteriores adaptadas al salto'. Which insect order is this associated with?

- A) Diptera
- B) Odonata
- C) Orthoptera**
- D) Dermaptera

25. What is a characteristic of the wings of Diptera?

- A) Leathery forewings
- B) Membranous wings
- C) Posterior wings are organs of equilibrium**
- D) Varied colors

26. What is a characteristic of the body of insects in the order mentioned for cockroaches and mantises?

- A) Rounded
- B) Elongated
- C) Flattened**
- D) Segmented

27. Which insect order has 'apéndices parecidos a pinzas'?

- A) Odonata
- B) Dermaptera**
- C) Hemiptera
- D) Diptera

28. What does the text suggest about the diet of some insects ('Degu dla cder es')?

- A) They eat plants
- B) They are carnivorous
- C) They eat decaying matter**
- D) They are omnivores

29. The text mentions 'pico perforador para succionar'. This is characteristic of which insect group?

- A) Diptera
- B) Odonata
- C) Hemiptera**
- D) Orthoptera