Introduction to Entomology

Entomology · Answer Key · 15 Questions

1. How many main body segments does an adult insect have?

A) One
B) Two
C) Three
D) Four

2. Which of the following is a characteristic feature of all adult insects?

A) Six legs
B) Eight legs
C) Wings
D) Exoskeleton made of calcium

3. What is the hard, protective outer layer of an insect's body called?

A) Shell
B) Exoskeleton
C) Endoskeleton
D) Epidermis

4. Insects breathe through small openings on their sides called:

A) Lungs
B) Gills
C) Tracheae
D) Spiracles

5. Which stage comes immediately after the egg stage in complete metamorphosis?

A) Pupa
B) Larva
C) Adult
D) Nymph

6. What is the scientific term for an animal that does not have a backbone?

A) Vertebrate
B) Invertebrate
C) Mammal
D) Reptile

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7. Which group of insects is known for having a 'stinger' at the end of their abdomen?

A) Beetles
B) Butterflies
C) Hymenoptera
D) Dragonflies

8. What do insects use to sense their environment, including touch and smell?

A) Eyes
B) Antennae
C) Legs
D) Wings

9. The study of insects is formally known as:

A) Zoology
B) Biology
C) Entomology
D) Botany

10. Which of these insects typically undergoes incomplete metamorphosis?

A) Butterfly
B) Grasshopper
C) Housefly
D) Beetle

11. What are the two types of eyes found on many insects?

A) Simple and Compound
B) Large and Small
C) Inner and Outer
D) Primary and Secondary

12. What is the primary function of an insect's wings?

A) Protection
B) Digestion
C) Locomotion
D) Sensing

13. To which class of animals do insects belong?

A) Arachnida
B) Crustacea
C) Insecta
D) Myriapoda

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14. What is the 'larva' stage of a butterfly commonly called?

A) Maggot
B) Caterpillar
C) Grub
D) Nymph

15. Which part of an insect's body are the wings attached to?

A) Head
B) Thorax
C) Abdomen
D) Legs

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