

# Exploring the World of Insects

Entomology · Answer Key · 18 Questions

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**1. What is the primary body part of an insect that helps it to smell and feel vibrations?**

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

**2. How many legs do most adult insects have?**

- A) Four
- B) Six**
- C) Eight
- D) Ten

**3. Which of these is NOT an insect?**

- A) Butterfly
- B) Ant
- C) Spider**
- D) Beetle

**4. What is the hard outer shell that protects an insect's body called?**

- A) Skin
- B) Fur
- C) Exoskeleton**
- D) Feathers

**5. What is the process where an insect changes its form as it grows called?**

- A) Migration
- B) Hibernation
- C) Metamorphosis**
- D) Photosynthesis

**6. Which part of an insect's life cycle typically involves a pupa stage, like a chrysalis?**

- A) Complete metamorphosis**
- B) Incomplete metamorphosis
- C) Asexual reproduction
- D) Budding

**7. What do bees collect from flowers to make honey?**

- A) Pollen**
- B) Water
- C) Sunlight
- D) Seeds

**8. Which of these is a common way for insects to communicate with each other?**

- A) Singing loudly
- B) Using scent (pheromones)**
- C) Waving their arms
- D) Drawing pictures

**9. What is the scientific study of insects called?**

- A) Botany
- B) Zoology
- C) Entomology**
- D) Geology

**10. Which insect is known for its ability to carry many times its own weight?**

- A) Dragonfly
- B) Ladybug
- C) Ant**
- D) Mosquito

**11. Many insects have wings. Which part of their body do their wings grow from?**

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

**12. What is the process where a female insect lays eggs called?**

- A) Moulting
- B) Oviposition**
- C) Respiration
- D) Pollination

**13. Which of these is a type of mouthpart that insects use for chewing?**

- A) Proboscis
- B) Siphoning tube
- C) Mandibles**
- D) Stinger

**14. What is the main function of an insect's abdomen?**

- A) To hold the brain
- B) To house the digestive and reproductive organs**
- C) To attach the wings
- D) To smell

**15. Which insect undergoes incomplete metamorphosis, hatching into a nymph that looks like a smaller version of the adult?**

- A) Butterfly
- B) Moth
- C) Grasshopper**
- D) Beetle

**16. What is the outermost layer of the insect's exoskeleton made of?**

- A) Bone
- B) Chitin**
- C) Cartilage
- D) Muscle

**17. Many insects are important for pollination. Which of the following is a pollinator?**

- A) Worm
- B) Snake
- C) Bee**
- D) Fish

**18. What is the name for the youngest, immature stage of an insect that hatches from an egg, especially in insects with incomplete metamorphosis?**

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