

Veterinary Science Basics

Veterinary Science · Answer Key · 15 Questions

1. What is the primary purpose of a stethoscope in a veterinary clinic?

- A) To measure an animal's weight
- B) To listen to internal sounds like heartbeats**
- C) To check the animal's vision
- D) To trim an animal's claws

2. Which organ in a dog or cat acts as a filter to remove waste products from the blood?

- A) The liver
- B) The stomach
- C) The kidneys**
- D) The lungs

3. What is the term for a doctor who specializes in the care of animals?

- A) Pediatrician
- B) Veterinarian**
- C) Zoologist
- D) Dermatologist

4. Which of these is a common way for veterinarians to prevent rabies in dogs and cats?

- A) Giving a vitamin supplement
- B) Performing a dental cleaning
- C) Administering a vaccine**
- D) Providing a specialized diet

5. What is the normal number of chambers in a mammalian heart, including those of dogs and cats?

- A) Two
- B) Three
- C) Four**
- D) Five

6. Which animal part is responsible for providing structure and protection for internal organs?

- A) The skeleton**
- B) The skin
- C) The fur
- D) The muscles

7. What is the primary function of canine teeth in carnivores?

- A) Grinding plant matter
- B) Tearing and gripping food**
- C) Producing saliva
- D) Filtering water

8. Which of the following is an example of an endoparasite often treated by veterinarians?

- A) Fleas
- B) Ticks
- C) Heartworms**
- D) Lice

9. What is the main role of the liver in a healthy animal?

- A) To produce insulin
- B) To detoxify chemicals and metabolize drugs**
- C) To pump blood to the brain
- D) To store oxygen for muscles

10. What does a veterinarian use a thermometer for?

- A) To check the animal's heart rate
- B) To measure the animal's body temperature**
- C) To count the animal's breaths
- D) To check for broken bones

11. Why do animals often have their coats brushed regularly by owners?

- A) To prevent hairballs and skin irritations**
- B) To make them run faster
- C) To help them grow taller
- D) To change their eye color

12. Which type of animal is a ruminant, characterized by having a stomach with multiple compartments?

- A) Horse
- B) Dog
- C) Cow**
- D) Cat

13. What is the definition of a 'zoonotic' disease?

- A) A disease that only affects birds
- B) A disease that can be spread from animals to humans**
- C) A disease caused only by cold weather
- D) A disease that cannot be cured

14. What is the primary role of red blood cells in an animal's body?

- A) To fight off infections
- B) To transport oxygen to tissues**
- C) To clot blood when there is a cut
- D) To digest nutrients

15. Which nutrient is essential for maintaining healthy bones and teeth in animals?

- A) Vitamin C
- B) Calcium**
- C) Fiber
- D) Sugar