Veterinary Science and Human Health

Veterinary Science · Answer Key · 20 Questions

1. What is the term for a disease that can be transmitted from animals to humans?

A) Infectious disease
B) Zoonotic disease
C) Chronic disease
D) Genetic disease

2. Which common household pet can transmit the parasite Toxoplasma gondii to humans?

A) Hamsters
B) Cats
C) Goldfish
D) Canaries

3. What is the primary way humans contract the rabies virus from infected animals?

A) Through a bite wound
B) By touching their fur
C) By drinking milk
D) By breathing near them

4. Which organ in both humans and dogs is responsible for filtering blood and removing toxins?

A) Lungs
B) Heart
C) Kidney
D) Stomach

5. What type of pathogen is responsible for causing Ringworm in both pets and humans?

A) A worm
B) A bacteria
C) A virus
D) A fungus

6. Which vitamin is essential for bone health in both humans and many domesticated mammals?

A) Vitamin D
B) Vitamin C
C) Vitamin E
D) Vitamin K

7. What is the main function of red blood cells in both human and animal bodies?

A) Fighting infection
B) Carrying oxygen
C) Digesting food
D) Clotting blood

8. Which of these is a common symptom of a flea infestation that can also affect humans in the same household?

A) Skin irritation and itching
B) Increased appetite
C) Hair loss
D) Vision loss

9. Which substance is produced by the pancreas and regulates blood sugar levels in both humans and dogs?

A) Adrenaline
B) Insulin
C) Cortisol
D) Thyroxine

10. What is the skeletal system's primary role in both humans and veterinary animals?

A) Digestion of fats
B) Support and protection of organs
C) Filtering blood
D) Production of oxygen

11. Which major organ system is responsible for protecting the body against pathogens in both humans and animals?

A) Immune system
B) Digestive system
C) Respiratory system
D) Endocrine system

12. What is the scientific name for the common housefly, which can carry pathogens from animal waste to human food?

A) Musca domestica
B) Drosophila melanogaster
C) Apis mellifera
D) Formicidae

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13. Which mineral is crucial for muscle contraction in both humans and animals?

A) Calcium
B) Iron
C) Sodium
D) All of the above

14. What type of medication is used to treat bacterial infections in both humans and veterinary patients?

A) Antihistamine
B) Antibiotic
C) Antacid
D) Analgesic

15. What do humans and mammals share that pumps blood throughout the entire body?

A) A four-chambered heart
B) A single-cell organ
C) A network of gills
D) An open circulatory system

16. Which part of the brain coordinates balance and movement in both humans and dogs?

A) Cerebellum
B) Brain stem
C) Hypothalamus
D) Corpus callosum

17. What is the process called when the body breaks down food into nutrients for cells in both humans and animals?

A) Respiration
B) Digestion
C) Excretion
D) Circulation

18. Which common parasite, often found in dogs, can infect human intestines?

A) Roundworms
B) Ticks
C) Lice
D) Fleas

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19. Which sensory organ is used by both humans and cats to detect light?

A) Ear
B) Eye
C) Nose
D) Tongue

20. What is the primary purpose of sweat glands in humans and some animals like horses?

A) To produce fur
B) To regulate body temperature
C) To store fat
D) To filter blood

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