Medical Knowledge Essentials

Medicine · Answer Key · 25 Questions

1. Which organ in the human body is primarily responsible for filtering waste products from the blood?

A) Liver
B) Kidneys
C) Spleen
D) Pancreas

2. What is the primary function of white blood cells in the immune system?

A) Transporting oxygen
B) Clotting blood
C) Fighting infections
D) Storing energy

3. Which vitamin is primarily produced in the skin when exposed to sunlight?

A) Vitamin C
B) Vitamin D
C) Vitamin B12
D) Vitamin K

4. What is the medical term for a high blood pressure condition?

A) Hypotension
B) Tachycardia
C) Hypertension
D) Bradycardia

5. Which part of the brain is responsible for regulating balance and coordination?

A) Cerebrum
B) Cerebellum
C) Brain stem
D) Hypothalamus

6. What type of pathogen causes diseases like the flu and the common cold?

A) Bacteria
B) Virus
C) Fungus
D) Parasite

Quixly | This material was auto-generated. Quixly is not liable for errors or omissions. Visit quixlylearn.com to report corrections.

7. Which substance gives red blood cells their ability to carry oxygen throughout the body?

A) Hemoglobin
B) Plasma
C) Platelets
D) Myoglobin

8. What is the primary purpose of a vaccine?

A) To cure an active infection
B) To trigger an immune response without causing disease
C) To act as a painkiller
D) To increase body temperature

9. Which blood type is known as the 'universal donor'?

A) A+
B) B-
C) AB+
D) O-

10. What is the largest organ in the human body by surface area?

A) Liver
B) Skin
C) Lungs
D) Large intestine

11. What condition occurs when there is a deficiency of red blood cells or hemoglobin?

A) Anemia
B) Leukemia
C) Diabetes
D) Arthritis

12. Which endocrine gland is often called the 'master gland' because it controls other glands?

A) Thyroid
B) Adrenal
C) Pituitary
D) Pineal

Quixly | This material was auto-generated. Quixly is not liable for errors or omissions. Visit quixlylearn.com to report corrections.

13. What is the chemical name for the process by which cells convert glucose into energy?

A) Photosynthesis
B) Respiration
C) Fermentation
D) Digestion

14. Which mineral is essential for the healthy formation of bones and teeth?

A) Iron
B) Calcium
C) Zinc
D) Magnesium

15. What is the main function of the alveoli in the lungs?

A) Filtering dust
B) Producing mucus
C) Gas exchange
D) Pumping blood

16. Which medical field focuses on the study and treatment of cancer?

A) Cardiology
B) Oncology
C) Neurology
D) Dermatology

17. What is the 'powerhouse' organelle within a cell that generates chemical energy?

A) Nucleus
B) Ribosome
C) Mitochondria
D) Lysosome

18. Which system of the body is responsible for transporting hormones to various parts of the body?

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

Quixly | This material was auto-generated. Quixly is not liable for errors or omissions. Visit quixlylearn.com to report corrections.

19. How many chambers does the human heart have?

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

20. What is the technical term for the 'voice box' located in the neck?

A) Trachea
B) Pharynx
C) Larynx
D) Esophagus

21. Which nutrient is the body's primary source of quick energy?

A) Proteins
B) Fats
C) Carbohydrates
D) Vitamins

22. Which condition is characterized by the body's inability to produce or properly use insulin?

A) Asthma
B) Diabetes
C) Epilepsy
D) Anemia

23. What is the function of platelets in the human blood?

A) Fighting bacteria
B) Clotting blood
C) Carrying carbon dioxide
D) Producing antibodies

24. Which part of the eye is responsible for focusing light onto the retina?

A) Pupil
B) Iris
C) Lens
D) Cornea

25. What is the name of the bone located in the upper arm?

A) Femur
B) Humerus
C) Tibia
D) Radius

Quixly | This material was auto-generated. Quixly is not liable for errors or omissions. Visit quixlylearn.com to report corrections.