**16. Which type of joint is found between the vertebrae?**  
A. Hinge joint  
B. Pivot joint  
C. Gliding joint  
D. Saddle joint  
**Correct Answer: C. Gliding joint**

**17. Which part of the nephron is responsible for filtration of blood?**  
A. Loop of Henle  
B. Distal convoluted tubule  
C. Proximal convoluted tubule  
D. Glomerulus  
**Correct Answer: D. Glomerulus**

**18. The pacemaker of the heart is:**  
A. AV node  
B. SA node  
C. Bundle of His  
D. Purkinje fibers  
**Correct Answer: B. SA node**

**19. Which type of tissue lines the respiratory tract?**  
A. Simple squamous epithelium  
B. Ciliated columnar epithelium  
C. Stratified squamous epithelium  
D. Cuboidal epithelium  
**Correct Answer: B. Ciliated columnar epithelium**

**20. Which structure prevents food from entering the trachea?**  
A. Uvula  
B. Pharynx  
C. Epiglottis  
D. Larynx  
**Correct Answer: C. Epiglottis**

**21. Which part of the brain controls balance and coordination?**  
A. Cerebrum  
B. Cerebellum  
C. Medulla oblongata  
D. Hypothalamus  
**Correct Answer: B. Cerebellum**

**22. What is the normal pH of human blood?**  
A. 6.8 – 7.0  
B. 7.35 – 7.45  
C. 7.5 – 8.0  
D. 6.5 – 6.8  
**Correct Answer: B. 7.35 – 7.45**

**23. Which part of the digestive system is mainly responsible for nutrient absorption?**  
A. Stomach  
B. Small intestine  
C. Large intestine  
D. Esophagus  
**Correct Answer: B. Small intestine**

**24. Which blood group is considered the universal donor?**  
A. A+  
B. B+  
C. O-  
D. AB+  
**Correct Answer: C. O-**

**25. The myelin sheath around neurons functions to:**  
A. Produce neurotransmitters  
B. Protect neurons from injury  
C. Increase speed of nerve impulses  
D. Supply nutrients to neurons  
**Correct Answer: C. Increase speed of nerve impulses**

**26. Which vitamin is essential for calcium absorption?**  
A. Vitamin A  
B. Vitamin D  
C. Vitamin C  
D. Vitamin K  
**Correct Answer: B. Vitamin D**

**27. Which valve is located between the left atrium and left ventricle?**  
A. Tricuspid valve  
B. Pulmonary valve  
C. Mitral (bicuspid) valve  
D. Aortic valve  
**Correct Answer: C. Mitral (bicuspid) valve**

**28. Which cranial nerve is responsible for vision?**  
A. Optic nerve (CN II)  
B. Oculomotor nerve (CN III)  
C. Trigeminal nerve (CN V)  
D. Facial nerve (CN VII)  
**Correct Answer: A. Optic nerve (CN II)**

**29. Which structure stores and concentrates bile?**  
A. Pancreas  
B. Liver  
C. Gallbladder  
D. Duodenum  
**Correct Answer: C. Gallbladder**

**30. The functional unit of the lung is the:**  
A. Bronchiole  
B. Alveolus  
C. Trachea  
D. Pleura  
**Correct Answer: B. Alveolus**