

**Answer All Questions**

Figure 1

**Q1: From figure 1, write the letter beside it's label :**

1. Vena cava ( ..... )
2. Septum ( ..... )
3. Pulmonary artery ( ..... )
4. Left atrium (.....)
5. Mitral Valve (.....)
6. Semilunar valve (.....)

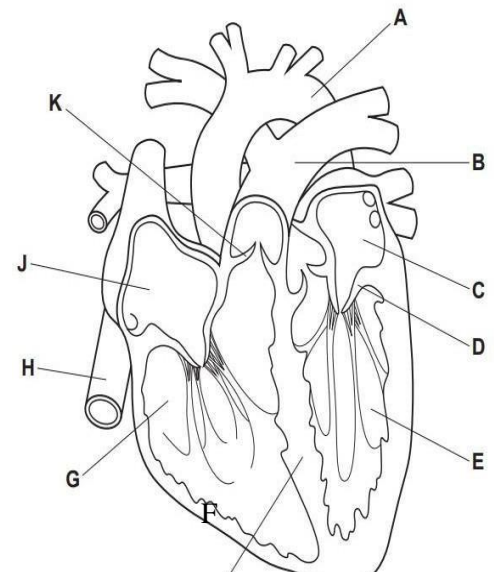
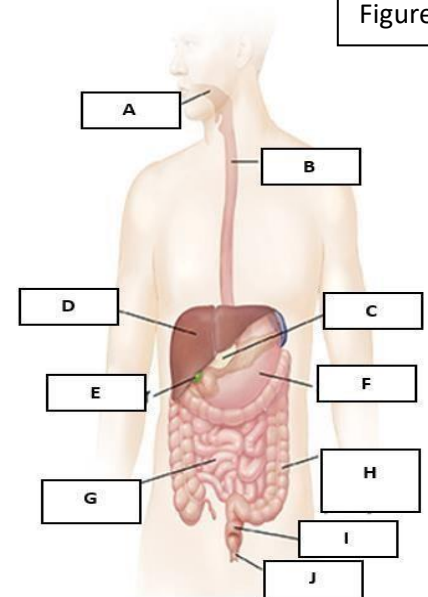


Figure 2

**Q2:From figure 2, write the letter beside it's label:**

7. Esophagus (.....)
8. Liver (.....)
9. Gall bladder (.....)
10. Small intestine (... ..)
11. Rectum (.....)
12. Stomach (.....)



**Q3: From figure 2, complete using the suitable letter:**

13. The place where most absorption of the food takes place. (.....)
14. Location of pepsinogen secretion and conversion to active pepsin. (.....)
15. Location of deamination for protein. (.....)
16. Place where feces are stored temporarily. (.....)
17. Peristalsis is a wave of contraction and relaxation of the smooth muscles to push food to the stomach in organ. (.....)



**Q4. Choose the correct answer:**

18. Breakdown of large, food molecules into smaller more soluble ones with enzymes.
- A. Mechanical digestion
  - B. Assimilation
  - C. Chemical digestion
  - D. Absorption
19. Connects kidney with the urinary bladder
- A. Ureter
  - B. Urethra
  - C. Collecting duct
  - D. Loop of Henle
20. Anaerobic respiration does not require .....
- A. Oxygen
  - B. Carbon dioxide
  - C. Nitrogen
  - D. Hydrogen
21. The functional building unit of the kidney is .....
- A. Nephron
  - B. Neuron
  - C. Alveoli
  - D. Neon
22. ....is a waste product released by anaerobic respiration in yeast.
- A. Fatty acid
  - B. Amino acid
  - C. Lactic acid
  - D. Alcohol



23. .... has the thickest wall to pump blood with high pressure to all body cells.

- A. right atrium
- B. left ventricle
- C. right ventricle
- D. left atrium

24. ....carries blood towards the heart.

- A. artery
- B. vein
- C. blood capillary
- D. blood vessel

25. The functional building unit of the lung is called .....

- A. Nephron
- B. Neuron
- C. Alveoli
- D. Neon

26. ....filters out dust, warms and moistens air.

- A. Trachea
- B. Nose
- C. Bronchus
- D. Bronchioles

27. .... is a cartilage which prevents the food from entering the trachea.

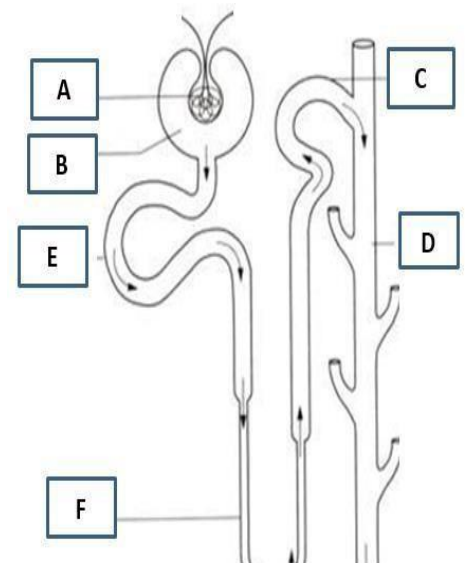
- A. C-shaped
- B. Epiglottis
- C. Sternum
- D. Nasal

28. The pressure inside the lungs ..... with the mechanism of exhalation.
- A. Increases
  - B. Decreases
29. .... carries blood with high pressure.
- A. artery
  - B. vein
  - C. blood capillary
  - D. blood vessel
30. .... prevents the backflow of blood from the right ventricle to the right atrium.
- A. Mitral valve
  - B. Tricuspid valve
  - C. Aortic valve
  - D. Pulmonary valve

**Q5: From figure 3, write the letter beside it's label:**

Figure 3

31. Glomerulus (.....)
32. Loop of Henle (.....)
33. Bowman's capsule (.....)
34. Proximal convoluted tubule (.....)
35. Collecting duct (.....)
36. Selective reabsorption takes place in (.....)





37. Black hair is dominant, and yellow hair is recessive. A woman with yellow hair marries a man who is heterozygous for black hair. Predict the genotype outcomes for their children.

- A. Bb,Bb,bb,bb
- B. BB,BB,bb,bb
- C. BB,BB,Bb,Bb
- D. Bb,bb,bb,bb


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Thank you