

I. Answer the following questions (½ mark questions)**30 Marks**

1. Name the instrument to measure heart beat.

2. Identify the process.



3. Find the error in the sentence and rewrite correct sentence

In 1816 Rene Laennec invented Sphygmomanometer.

4. Which Vitamin is required for blood clot?

5. Identify the mismatched pair

[]

1) Hemophilia

[]

a) Junk Foods

2) Thalassemia

[]

b) Inherited disorder

3) Hypertension

[]

c) $\frac{160}{120}$

6. What type of blood present in pulmonary veins?

7. Scientist who discovered blood capillaries?

8. $\frac{120}{80}$ is normal B.P in man 80 indicates which pressure?

9. In Latin Lymph means _____

10. Name the membranes that covers heart.

11. Which process hide at water absorption by root hair?

12. _____ movements in Ameeba help to transport nutrients in cell.

13. Prothrombin \xrightarrow{x} Thrombin find 'x'?

14. Animal which shows single circulation.

15. Write Largest Artery in man?

16. Most Poisonous Nitrogenous waste _____

17. Expand E S R D.

18. Colour of Urine is Amber due to _____

19. What is Micturition?

20. What is Uramia?

21. Write about Tannins.

22. What are Raphides?

23. What is Latex?

24. Name bile pigments.

25. Alkaloid cures malaria is _____

26. Glomerulus + Bowman's cup = _____?

27. PH of Urine is _____

28. In Mollusca excretory organs are _____

29. First Kidney Transplant done by _____

30. Total amount of Urine excreted per day is _____

II. Answer the following Questions(one mark Questions)

20 ×1 = 20

1. What is Serum?
2. Write about open type and closed type circulatory systems.
3. Identify the correct sentence []
 - A) G.Fabrici identified One way valued in veins
 - B) W.Harvey discovered Arteries.
4. What is the relation between size of heart and heart beats?
5. Pulse rate = _____
6. Name the value between right auricles and right ventricle?
7. Why Artery walls are thick?
8. What is Cardiacycle?
9. What are First Eucoelomates?
10. Name the blood vessel which has large Lumen and Valves?
11. Define excretion.
12. What is osmoregulation?
13. Excretory organs in Arthropods are _____
14. In plants waste materials are stored in _____
15. Latex of Heavea gives _____
16. What are primary metabolites?
17. Write the parts of Nephron.
18. Name the excretory organs in Annelids.
19. Write about glomerular filtration.
20. Name the process used in Haemodialysis.