

CHAPTER-18

EXERCISES

1. Name the components of the formed elements in the blood and mention one major function of each of them.
- * 2. What is the importance of plasma proteins?
3. Match Column I with Column II :

Column I	Column II
(a) Eosinophils	(i) Coagulation
(b) RBC	(ii) Universal Recipient
(c) AB Group	(iii) Resist Infections
(d) Platelets	(iv) Contraction of Heart
(e) Systole	(v) Gas transport
- * 4. Why do we consider blood as a connective tissue?
- * 5. What is the difference between lymph and blood?
- * 6. What is meant by double circulation? What is its significance?
7. Write the differences between :
 - (a) Blood and Lymph
 - (b) Open and Closed system of circulation
 - (c) Systole and Diastole
 - * (d) P-wave and T-wave
8. Describe the evolutionary change in the pattern of heart among the vertebrates.
- * 9. Why do we call our heart myogenic?
- * 10. Sino-atrial node is called the pacemaker of our heart. Why?
- * 11. What is the significance of atrio-ventricular node and atrio-ventricular bundle in the functioning of heart?
12. Define a cardiac cycle and the cardiac output.
- * 13. Explain heart sounds.
- * 14. Draw a standard ECG and explain the different segments in it.