



BIOLOGY

NCERT - NCERT BIOLOGY(ENGLISH)

BODY FLUIDS AND CIRCULATION

Exercise

1. Name the components of the formed elements in the blood and mention one major function of each of them.



[Watch Video Solution](#)

2. What is the importance of plasma proteins?



[View Text Solution](#)

3. Match column I with column II:

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



[Watch Video Solution](#)

4. Why is blood considered to be connective tissue?



Watch Video Solution

5. What is the difference between lymph and blood?



View Text Solution

6. What is meant by double circulation? What is its significance?



[Watch Video Solution](#)

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



[Watch Video Solution](#)

8. Describe the evolutionary change in the pattern of heart among the vertebrates.



Watch Video Solution

9. Why do we call our heart myogenic?



Watch Video Solution

10. Sino-atrial node is called the pacemaker of our heart. Why?



Watch Video Solution

11. What is the significance of atrio-ventricular node and atrio-ventricular bundle in the functioning of heart?



Watch Video Solution

12. Define a cardiac cycle and the cardiac output.



Watch Video Solution

13. Explain heart sounds.



Watch Video Solution

14. Draw a standard ECG and explain the different segments in it.



Watch Video Solution