

**CLASS XI BIOLOGY ASSIGNMENT NO. 10 BLOOD FLUIDS AND
CIRCULATION**

- Q1. Name the various components of blood and mention functions of each of them.
- Q2. What are the two types of circulation? Which is advantageous & why?
- Q3. What is the importance of lymph ? Write any 4 functions of lymph.
- Q4. Why does lymph contain much less proteins than the blood plasma?
- Q5. What is haemo lymph? How does it differ from blood?
- Q6. Explain cascade mechanism of blood clotting.
- Q7. Give examples of animals with single, incomplete double and complete double circulation.
- Q8. Draw a diagram of external structure of human heart & label the parts.
- Q9. Explain the following:- (a) Auricles have thinner walls than ventricles. (b) Blood flows under pressure in the arteries.
- (c) There is a slight gap between auricular systole and ventricular systole.
- (d) Why can you palpate the pulse on an artery in each heart beat?
- (e) SA node is called the pacemaker of heart. (f) No mixing of deoxygenated & oxygenated blood in mammalian heart.
- (g) There is no back flow of blood in veins.
- Q10. How does blood flow through the heart during the different phases of cardiac cycle?
- Q11. With the help of diagram explain ECG and the waves that correspond to a specific electrical activity of heart.
- Q12. What are the causes & symptoms of CAT, Angina & Heart Failure?
- Q13. Give a schematic plan of blood circulation in human.
- Q14. What is the significance of double circulation?