

**Assignments for First Term      Class –X**  
**Biology      ASSIGNMENT 1**

**LIFE PROCESSES**

- Q1 How exchange of gases take place in plants?
- Q2 Differentiate between photosynthesis and respiration.
- Q3 Explain the mechanism of breathing in human beings.
- Q4 How does water rise in tall trees?
- Q5 Leaves of a potted plant are coated with Vaseline to block the stomata. Will this plant remain healthy for long? State the 3 reasons for your answer.
- Q6 How is prepared food transported to different parts of the plant?
- Q7 What is blood? What are the components of blood? Also write the function of each component.
- Q8 What are the advantages of having very thin and highly branched capillaries for blood flow?
- Q9 What is the difference between the blood flowing in the arteries and that flowing in the veins?
- Q10 What is the meaning of the term “Double circulation”?
- Q11 What will happen if excess bleeding takes place and what natural device preventing it?
- Q12 Correct the false statement
- a) The walls of the atrium are thicker than the ventricles
  - b) The oxygen carrying blood goes into the left auricle
  - c) Valves open on both the sides.
  - d) Xylem transports food material.
  - e) The blood circulation in man is of open type in man
- Q13 Differentiate between excretion and osmoregulation? Describe how excretion takes place in amoeba.
- Q14 What is dialysis? How is it useful?
- Q15 What is excretion? How is solid and gaseous waste excreted in humans?
- Q16 List the functions of blood.