

Assignments for First Term **Class -X**
Biology **ASSIGNMENT**

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

- The walls of the atrium are thicker than the ventricles
- The oxygen carrying blood goes into the left auricle
- Valves open on both the sides.
- Xylem transports food material.
- 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.