



ASSIGNMENT NO. 1

SUBJECT: BIOLOGY

CLASS-X

APRIL -MAY'2026

Chapter-5: Life Processes.

Very short answer type questions (2 marks)

1. What is the role of saliva in digestion?
2. Define transpiration.
3. What is the function of guard cells in stomata?
4. Differentiate between aerobic and anaerobic respiration.
5. Name the blood vessels that carry oxygenated and deoxygenated blood.
6. What is the significance of double circulation in humans?
7. Define holozoic nutrition.
8. What is the role of bile juice in digestion?

Short answer type questions (3 marks)

1. Explain the process of photosynthesis.
2. Describe the structure and function of the human heart.
3. What are the events that occur during respiration?
4. Explain the role of xylem and phloem in transportation.
5. Describe the mechanism of breathing in humans.
6. Explain the process of excretion in plants.
7. Describe the structure and function of villi in the small intestine.
8. What are the differences between arteries and veins?

Long answer type questions (5 marks)

1. Explain the process of digestion in the human alimentary canal.
2. Describe the structure and function of nephrons in excretion.
3. Explain the mechanism of transpiration and its significance.
4. Describe the process of double circulation in humans.
5. Explain the process of gaseous exchange in lungs.
6. Describe the process of nutrition in amoeba.
7. Explain the role of hormones in regulating various life processes.
8. Describe the structure and function of the human respiratory system.