Brain International School
Vikas Puri, New Delhi

ASSIGNMENT NO. 5

SUBJECT: SCIENCE **CLASS-VII** **NOVEMBER '2026**

Chapter-9: Life process in Animals

Answer the following questions :

1. During vigorous exercise, a student's breathing rate increases rapidly. Why does breathing rate increase?
2. Differentiate between breathing and respiration.
3. Describe the process of digestion in humans along with diagram.
4. Describe the process of digestion in humans along with diagram.
5. A frog lives both on land and in water. Explain how its breathing mechanism helps it survive in both habitats.
6. Explain the role of saliva in digestion
7. The stomach produces acid, which is strong enough to digest food. Why does this acid not damage the stomach wall?
8. How do different animals breathe? Explain with examples.

Chapter-10: Life process in Plants

Answer the following questions :

1. Explain the process of photosynthesis with a word equation.
2. Describe an experiment to show that sunlight is necessary for photosynthesis.
3. Draw and lable the diagram showing photosynthesis process
4. Explain why photosynthesis and respiration are essential for life
5. Describe respiration in plants with equation.
6. Why is chlorophyll important for plants?
7. What is the role of xylem? Why do plants need energy?
8. What are stomata? State their function.