

QUIZEN –Life Processes(10B01)

Learning Level 1	Learning Level 2	Learning Level 3
Q - Remembering (knowledge-based questions) U - Understanding (comprehension-based questions)	I - Applying (application-based questions) Z - Analyzing (analysis-based questions)	E - Evaluating (evaluation-based questions) N - Creating (creation-based questions)

Learning Level 1

1. State the process by which water moves through the plant from the roots to the leaves.
2. What is transpiration? Explain its importance in plants.
3. Define excretion and list the major excretory organs in the human body.
4. What is the role of stomata in the process of transportation in plants?
5. Name the main pigment responsible for the transport of oxygen in the blood.

Learning Level 2

6. Draw a labeled diagram of the structure of a plant root and explain how it is adapted for the process of water uptake.
7. Describe an experiment that can be used to show the effect of temperature on the rate of transpiration in plants.

8. Explain how the process of osmosis is involved in the uptake of water by plant roots.
9. Discuss the various factors that affect the rate of transpiration in plants.
10. Compare the processes of excretion in plants and animals, highlighting their similarities and differences.

Learning Level 3

11. Evaluate the importance of the circulatory system in the transport of nutrients in animals.
12. Design an experiment to investigate the effect of different types of soil on the growth of a particular plant species.
13. Evaluate the impact of air pollution on the process of transpiration in plants.
14. Create a concept map to show the interrelationship between the processes of transportation and excretion in living organisms.
15. Evaluate the ethical implications of using plants for medicinal purposes