

QUIZEN – Biological classification (11B02)

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. Name the father of taxonomy.
2. What is the scientific name of humans?
3. Differentiate between prokaryotic and eukaryotic cells.
4. Name the kingdom that includes the most primitive organisms.
5. Define binomial nomenclature.

Learning Level 2

6. Classify the following organisms into their respective kingdoms: Spirogyra, Amoeba, Aspergillus, Hydra, and Penicillium.
7. Explain why viruses are not included in any of the five kingdoms of Whittaker's classification system.
8. What is the basis for the five-kingdom classification system proposed by R. H. Whittaker?
9. Identify the characteristic features of fungi and give examples of their economic importance.
10. Describe the structural differences between a monocot and a dicot plant.

Learning Level 3

11. Evaluate the limitations of the five-kingdom classification system and propose an alternative system.
12. Design an experiment to demonstrate the differences between prokaryotic and eukaryotic cells.
13. Create a dichotomous key for the classification of five different organisms.
14. Evaluate the importance of studying biological classification and its practical applications in fields such as medicine and agriculture.
15. Critically analyze the impact of human activities on the biodiversity of different ecosystems and propose measures to conserve it.

