

QUIZEN – Diversity in living organisms(9B04)

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. What is the scientific name of humans?
2. Give two examples of animals that belong to the phylum Arthropoda.
3. Define the term "invertebrate".
4. What is the main characteristic that distinguishes animals of phylum Chordata from other animal phyla?
5. Name two animals that belong to the class Aves.

Learning Level 2

6. Identify the major subphyla of phylum Chordata and give examples of animals belonging to each sub-phylum.
7. How do animals belonging to the class Mammalia differ from animals belonging to other classes of the phylum Chordata?
8. Draw a labelled diagram of the body plan of an animal belonging to the phylum Annelida.
9. Explain the process of metamorphosis in insects.
10. Compare and contrast the characteristics of animals belonging to the phylum Porifera and phylum Cnidaria

Learning Level 3

11. Evaluate the role of insects in pollination and their significance in maintaining biodiversity.
12. Design an experiment to investigate the effect of different temperatures on the hatching of eggs of a species of reptile.
13. Critically evaluate the impact of human activities such as deforestation and pollution on animal biodiversity.
14. Create a classification scheme for animals belonging to the phylum Arthropoda.
15. Evaluate the ethical considerations involved in animal experimentation and suggest alternative methods to study animal behavior and physiology.

