



Class 9 Science | Patterns In Life: Diversity And Classification

MCQ WORKSHEET • 15 questions • Choose one correct option • Suggested time: 25 minutes

1. In the five-kingdom system, bacteria belong to:

- A. Monera B. Fungi C. Animalia D. Protista

2. A unicellular eukaryote such as Amoeba is classified in:

- A. Monera B. Animalia C. Protista D. Plantae

3. A mushroom obtains nutrients by absorption and has a chitinous wall. Its kingdom is:

- A. Fungi B. Monera C. Plantae D. Animalia

4. Which feature most clearly separates prokaryotes from eukaryotes?

- A. Absence of cytoplasm
B. Absence of plasma membrane
C. Absence of a membrane-bound nucleus
D. Absence of DNA

5. In a scientific name such as Mangifera indica, Mangifera denotes the:

- A. Kingdom B. Family
C. Genus D. Species epithet

6. Which scientific-name convention is correct in print?

- A. Both words capitalised
B. Genus capitalised, species epithet lowercase, both italicised
C. Species epithet before genus
D. Both words lowercase and bold

7. A lichen is an association involving a fungus and a:

- A. Photosynthetic partner
B. Virus only
C. Mammal
D. Flowering plant root only

8. Viruses multiply only when they:

- A. Absorb food from soil independently
B. Form roots
C. Divide by ordinary mitosis outside cells
D. Use a suitable host cell

9. A moss lacks true vascular tissue and belongs among:

- A. Mammals B. Angiosperms
C. Gymnosperms D. Bryophytes

10. A fern differs from a moss by having:

- A. Vascular tissue B. Seeds inside fruits
C. No chlorophyll D. Flowers

11. Pine produces seeds not enclosed in fruits. It is a:

- A. Fungus B. Gymnosperm
C. Bryophyte D. Angiosperm

12. A plant with flowers and seeds inside fruits is an:

- A. Gymnosperm B. Alga
C. Angiosperm D. Pteridophyte

13. Jointed legs and an external skeleton identify:

- A. Flatworms B. Annelids
C. Molluscs D. Arthropods

14. Which animal is an annelid?

- A. Earthworm B. Butterfly C. Snail D. Starfish

15. Which set names the three domains of life?

- A. Viruses, Bacteria, Plants
B. Bacteria, Archaea, Eukarya
C. Monera, Protista, Fungi
D. Plants, Animals, Fungi

ANSWER KEY — check after completing all 15 questions

1.A 2.C 3.A 4.C 5.C 6.B 7.A 8.D 9.D 10.A 11.B 12.C 13.D 14.A 15.B

Original exam-style practice • Reference notes: www.physics.guru/cbse-practice-papers/ • Not an official paper

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