

Chapter – 2 | Biological Classification

QUIZ PART-04

1. Fungi have a special place among:

- A. Autotrophic organisms
- B. Heterotrophic organisms
- C. Prokaryotic organisms
- D. Photosynthetic organisms (B)

Explanation : Fungi have a special place among heterotrophic organisms because they depend on other sources for nutrition.

2. Fungi cannot perform photosynthesis because they lack:

- A. Cell wall
- B. Nucleus
- C. Chlorophyll
- D. Cytoplasm (C)

Explanation : Fungi lack chlorophyll; therefore, they cannot perform photosynthesis.

3. Common examples of fungi are:

- A. Mushroom and Toadstool
- B. Algae and Moss
- C. Bacteria and Virus
- D. Fern and Pine (A)

Explanation : Mushroom and toadstool are examples of fungi.

4. White spots on mustard leaves are caused by:

- A. Rhizopus
- B. Albugo
- C. Yeast
- D. Puccinia (B)

Explanation : White spots on mustard leaves are caused by parasitic fungi called Albugo.

5. Rust disease in wheat is caused by:

- A. Albugo
- B. Mucor
- C. Puccinia
- D. Yeast (C)

Explanation : Rust disease in wheat is caused by the fungus Puccinia.

6. The cell wall of fungi is made up of:

- A. Cellulose and starch
- B. Polysaccharides and chitin
- C. Protein and lipid
- D. Peptidoglycan (B)

Explanation : The fungal cell wall is made of polysaccharides and chitin.

7. Long, slender thread-like structures of fungi are called:

- A. Mycelium
- B. Hyphae
- C. Spores
- D. Pellicle (B)

Explanation : Fungal bodies are usually composed of thread-like structures called fungal hyphae.

8. A network formed by joining fungal filaments is called:

- A. Capsule
- B. Mycelium
- C. Spore
- D. Thallus (B)

Explanation : Fungal filaments join together to form a fungal network called mycelium.

9. Fungi that absorb soluble organic matter from dead substrates are called:

- A. Parasites
- B. Symbionts
- C. Saprophytes
- D. Autotrophs (C)

Explanation : Fungi absorbing nutrients from dead substrates are called saprophytes.

10. The stored food material of fungi is:

- A. Starch
- B. Protein
- C. Glucose
- D. Glycogen (D)

Explanation : Fungi store food mainly in the form of fat or oil; glycogen may also be found.