



THE ANSWERS MUST BE ATTEMPTED ON THE ANSWER SHEET PROVIDED

Q.1. Answer the following short questions: (15x2=30)

1. Differentiate between pezizales and aphylophorales ?
2. Differentiate between macroconidia and microconidia.
3. What is the difference between partial and universal veil?
4. Describe parasexual life cycle of Deuteromycotina .
5. What are urediniospores and aeciospores?
6. What are sac fungi?
7. Differentiate between rust and smut fungi.
8. What are the basic reproductive characteristics of club fungi?
9. Why are fungi in the group deuteromycota known as the imperfect fungi?
10. Differentiate between mushroom and bracket fungi.
11. Differentiate between ascus and basidium with diagrams.
12. What is heterothallism?
13. What do you know about etymology of fungi?
14. What is meant by plasmogamy?
15. What fungus causes leaf spot disease in plants? Give any one example.

Q.2. Answer the following questions. (3x10=30)

1. (a) Write a note on Ergot of rye disease caused by *Claviceps purpurea*. Draw labeled life cycle.
(b) Classify Basidiomycota. Give general characteristics of subclass Holobasidiomycetidae.
2. (a) Give life cycle of *Ustilago*?
(b). What are yeasts? Is *Taphrina deformans* included in yeast and why?
3. (a). Describe parasexual life cycle in Deuteromycotina.
(b) Write a note on mode of reproduction in Ascomycotina.