



THE ANSWERS MUST BE ATTEMPTED ON THE ANSWER SHEET PROVIDED

Q.1. Answer the following short questions: (10x3=30)

- a. What is crozier formation?
- b. Define Parasexuality in fungi.
- c. What are Hyphomycetes.
- d. Write types of fruiting bodies in Ascomycetes.
- e. Describe Mycorrhizae.
- f. How fungi are used as recycler.
- g. What are Powdery mildews?
- h. What are Haustoria? Illustrate some types of Houstoria.
- i. Write note on Dikaryotization.
- j. Explain somatic structure of Basidiomycetes.

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

- 1: Write a note on Conidial fungi. Explain morphology of Anamorphs.
- 2: What are lichens, their importance and distribution in Pakistan.
- 3: a) Draw the life cycle of *Agaricus*.
b) Write a note on Smut fungi.