

SECTION-1

Que.1 Give an account of the sexual reproductive organs of <i>Chara</i> .	14
Que.2 Describe: (A) Heterotrichous Thallus structure of <i>Coleochaete</i> (B) Use of algae as pollution indicator	07 07
Que.3 With the help of suitable diagrams describe the life-cycle of <i>Phytophthora</i>	14
Que.4 Describe: (A) <i>Peziza</i> -Apothecium (B) Mushroom cultivation	07 07
Que.5 Give a comparative account of external and internal structure of <i>Riccia</i> and <i>Pellia</i> thallus	14
Que.6 Describe: (A) L. S. of <i>Notothyllus</i> sporophyte (B) Adaptation of Bryophytes as land plant	07 07
Que.7 Describe in detail: stelar evolution in Pteridophytes	14
Que.8 Describe: (A) T. S. of <i>Psilotum</i> stem (B) L. S. of <i>Equisetum</i> cone	07 07

SECTION-2

Que.9 Answer in short (Any eight)	08
1. Name the methods of vegetative reproduction in <i>Chara</i> .	
2. Write any two uses of algae in Industries.	
3. In what form is the food stored in red algae?	
4. Name an alga which is the source of Agar-Agar.	
5. Name the pathogens of Actinomycetes.	
6. Write any two uses of <i>Aspergillus</i> .	
7. What is facultative saprophyte?	
8. What are mycoplasmas?	
9. Mention any two species of <i>Notothyllus</i> .	
10. What is elaterophore?	
11. Write any two uses of <i>Sphagnum</i> .	
12. Name the methods of vegetative reproduction in <i>Pellia</i> .	
13. Give only outline classification of <i>Psilotum</i> .	
14. Define- <i>Synangium</i> .	
15. Write any two hydrophytic adaptations of <i>Equisetum</i> .	
16. Which type of stele found in <i>Psilotum</i> stem?	
