

**BSc BEd Sem I Examination, 2019**

**Subject: BOTANY**

**Course: CC1**

**F M: 50**

**Time: 2 Hrs**

**Answer any 10 questions of the following:**

**5 x 10**

1. Write down three characteristics of Eubacteria with examples. 5
2. Describe Lytic cycle with diagram. 5
3. Who discovered TMV Virus? Why TMV is not hazardous for Smokers. 2+3
4. Write down the uses of fungi in food industry. 5
5. Write down the characteristic features of Phylum Rhodophyta with Example. 5
6. Differentiate between fungal hyphae and fungal mycelia. 5
7. Write notes on Mycofungicides and Myconematicides for controlling pests. 5
8. How does Marchantia reproduce? How many types of Rhizoids are seen in Marchantia?  
2+3
9. Describe the thallus structure of Anthoceros with labelled diagram. 5
10. Write in detail habitat of Equisetum. 5
11. What is heterospory? Write down its significance in context of seed habit. 2+3
12. Explain in detail auxospore formation in diatoms. 5