

**B.sc. SEM I  
BOT-A  
CC I (Phycology and Microbiology)  
Internal Examination  
2022**

**Time: 30 min**

**FM 10**

Answer any ten questions:

**1X10**

- i) What is anisogamy?
- ii) What is eye spot?
- iii) Write a function of heterocyst.
- iv) Name one important pigment found in cyanophycian algae.
- v) Where do you find manubrium?
- vi) What is theca?
- vii) What is lysogeny?
- viii) What is prion?
- ix) What is prophage?
- x) Name the protein that forms the flagella.
- xi) What are Hfr strain?
- xii) What is log phase?

**B.sc. SEM I**  
**BOT-A**  
**CC 2 (Mycology and Plant Pathology)**  
**Internal Examination**  
**2022**

**Time: 30 min**

**FM 10**

Answer any ten questions:

1X10

- i) What is telomorph?
- ii) Differentiate between hypha and mycelium?
- iii) What is clamp connection?
- iv) What are conidia?
- v) What is VAM?
- vi) Name the lichen that produces orcein.
- vii) What is pathogenesis?
- viii) What is pandemic disease?
- ix) What is incubation period?
- x) What is disease cycle?
- xi) What is quarantine?
- xii) Name the causal organism of late blight of potato.