

B.Sc. Sem-I
Practical Examination 2022
BOTA
Paper: CC-2

Time: 1 hr 30 min

FM 30

Answer the following questions:

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| 1. a) What are ocular and stage micrometer? | 3 |
| b) Write the composition of cotton blue. | 2 |
| c) Draw a labeled sketch of the VS of <i>Ascobolus</i> thallus. | 5 |
| | |
| 2. a) Write 3 identifying characters of Zygosporangium of <i>Rhizopus</i> . | 3 |
| b) Write 2 identifying characters of foliose Lichen. | 2 |
| c) Draw a labeled sketch of conidiophore of <i>Penicillium</i> . | 3 |
| d) Mention 2 morphological characters of the fruit body of <i>Polyporus</i> . | 2 |
| | |
| 3. a) Write the composition of PDA. | 3 |
| b) What is subculturing? | 2 |
| c) What is steam sterilization? | 1 |
| d) What is the causal organism of late blight of potato? | 1 |
| e) Write the identifying characters of stem rot of jute. | 3 |