**ST. JOSEPH’S COLLEGE (AUTONOMOUS), BENGALURU-560027**

ATTACH THE QUESTION PAPER WITH THE ANSWER BOOKLET

Date: 20-4-21

**B.Sc BOTANY – II SEMESTER**

**SEMESTER EXAMINATION – APRIL 2021**

**BO: 215 – Fungi, Plant Pathology, Bryophytes and Plant Anatomy**

**This question paper has ONE printed page and THREE parts**

**Instructions: *Draw diagrams* and *give examples* wherever necessary**

**Time: 2 1/2 hours Max. Marks: 70**

1. **Write on any TEN of the following in one or two sentences: 10 x 2 = 20**
2. Damping off disease.
3. Hartig net.
4. Peristome teeth.
5. Plasmodium.
6. Leptoids.
7. Cup fungus.
8. Soredia.
9. Secondary protonema.
10. Conidiophore.
11. Periderm.
12. Latex.
13. Early wood.
14. **Write critical notes on any FIVE of the following: 5 x 6 = 30**
15. T.S of *Marchantia* thallus*.*
16. Tikka disease.
17. Morphology of Lichen and its classification.
18. L.S of *Funaria* male flower*.*
19. Apotracheal and Paratracheal parenchyma.
20. Sexual reproduction in *Pythium.*
21. Anomalous secondary growth in *Boerhaavia.*
22. **Give a comprehensive account of any TWO of the following: 2 x 10 = 20**
23. Sporophyte of *Anthoceros* and its mechanism of dehiscence.
24. Describe the lifecycle of *Puccinia* on *Barberry* plant.
25. a. T.S of Gill of *Agaricus.*

b. Classification of meristem based on position.

BO-215-B-18