

Register Number:

Date: XX/04/2019

**ST. JOSEPH’S COLLEGE, AUTONOMOUS, BANGALORE-27**

**SEMESTER EXAMINATION–APRIL 2019**

**B.Sc., BOTANY- II Semester**

**BO-218: FUNGI, PLANT PATHOLOGY, BRYOPHYTES AND ANATOMY**

**Time-21/2hrs. Max. Marks: 70**

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

***Instruction- Draw diagrams and write examples wherever necessary***

1. **Answer any TEN of the following in one or two sentences 10x2=20**
2. Peristome
3. Sandal spike
4. Isidium
5. Hyphal traps
6. Spermatia
7. Planogametic copulation
8. Chimney pore
9. Paratracheal parenchyma
10. Stinging hair
11. Ring porous wood
12. Wet rot
13. Horn worts
14. **Write critical notes on any FIVE of the following 5x6=30**
15. Red rot of sugarcane
16. Sexual reproduction in *Rhizopus*
17. Economic importance of Fungi (Any 6)
18. Structure of Ectomycorrhiza & Endomycorrhiza
19. Internal secretory structures of plant tissues
20. Secondary growth in Dicot stem
21. L.S of sporophyte of *Anthoceros*
22. **Give a comprehensive account on any TWO of the following 2x10=20**
23. Classification of meristems based on position & plane of division.
24. Life cycle of *Peziza.*
25. Sexual reproduction in *Funaria.*

**BO\_218\_B**