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Register Number:

DATE: **9** **-04-2018 (9 AM)**

**ST. JOSEPH’S COLLEGE (AUTONOMOUS), BENGALURU-27**

**B.Sc BOTANY – II SEMESTER**

 **SEMESTER EXAMINATION – APRIL 2018**

**BO: 215 – FUNGI, PLANT PATHOLOGY, BRYOPHYTES AND PLANT ANATOMY**

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

***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. Plectenchyma.
3. VAM.
4. Sclerotia
5. Macrocyclic rust
6. Isidia.
7. Medullary bundles.
8. Chimney pore.
9. Horn wort.
10. Elater
11. Late wood
12. Koleroga
13. Storied wood
14. **Write critical notes on any FIVE of the following: 5 x 6 = 30**
15. Asexual reproduction in *Rhizopus*.
16. Apothecium of *Peziza*.
17. Anatomy of Lichen thallus.
18. Clubroot of crucifers.
19. V.S of *Marchantia* gemmae cup.
20. Economic importance of Bryophytes (any 8).
21. Anomalous secondary growth in *Dracena*.
22. **Give a comprehensive account of any TWO of the following: 2 x 10 = 20**
23. Reproduction in *Agaricus*.
24. Intrastelar secondary growth in dicot stem
25. Sexual reproduction in *Funaria*.

 BO-215-A-18