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MBH 403

I Semester M.Sc. Degree Examination, December 2018
MICROBIOLOGY (CBCS-PG-CGPA)
Mycology

Time : 3 Hours

Max. Marks : 70

I. Answer **any three** of the following :

(3×10=30)

- 1) Describe the ultra structure of fungal cell and cell wall.
- 2) Explain various reproduction methods in fungi.
- 3) Explain diagnosis and treatment of fungal infections.
- 4) Discuss the importance of fungi in food industries.
- 5) Explain the role of fungi in biodegradation.

II. Answer **any five** of the following :

(5×5=25)

- 6) Mycotoxins.
- 7) Cultivation of Mushroom.
- 8) Fruiting bodies.
- 9) Differentiate fungi from algae.
- 10) Endophytic fungi.
- 11) VAM.
- 12) General characters of fungi.
- 13) Plant Fungal Diseases.

P.T.O.



III. Write short note on **any five** of the following :

(5×3=15)

- 14) Hyphae.
 - 15) Dormancy.
 - 16) Oomycota.
 - 17) Saprophytes.
 - 18) Follicolous fungi.
 - 19) Heterothallism.
 - 20) Biocontrol agent.
 - 21) Lichens.
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