5. (a) Write note on : Economic importance of Fungi 5

(b) Describe vegetative reproduction in Chara. 5

Or

6. (a) Describe the characteristic features of Ascomycotina. 4

(b) Give a detailed account of sexual reproduction in Mucor. 6

7. (a) Describe characteristics features of Hepaticopsida. 4

(b) Give plant morphology and sexual reproduction in Anthoceros. 6

Or

8. (a) Describe the characteristic features of Pteropsida. 4

(b) Give plant morphology and sexual reproduction in Equisetum. 6

9. Describe the life cycle of Pinus. 10

Or

10. (a) Give salient features along with merit & demerit of Bentham and Hooker's system of classification. 7

(b) Describe distinguishing features of seed plants. 3

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UG Odd Semester Examination, 2022

EDUCATION B.Sc. B.Ed

(3rd Semester)

Course No.: BSBP-302

(Diversity of Microbes, Cryptogams & Phanerogams)

Full Marks: 50

Pass Marks: 20

Time: 2 hours

The figures in the right margin indicate full marks for the question.
Answer the following five (5) questions

1. (a) Describe the properties of plant viruses. 5

(b) Describe Germ theory of Disease. Write Koch's postulates. 3+2=5

Or

2. (a) Describe the symptoms of virus infection of plants. 5

(b) Write note : Economic importance of virus. 5

3. (a) Describe the ways to control micro-organisms growth. 5

(b) Write note on : Economic significance of Bacteria. 5

Or

4. (a) How bacteria can be classified? 5

(b) Write note on : Mycoplasma. 5