



Progressive Education Society's
Modern College of Arts, Science & Commerce Ganeshkhind, Pune – 16
End Semester Examination: Jan.2022
Faculty: Science and Technology

Semester : I

Program: B.Sc.

Program (Specific): B.Sc. General

Class: F.Y.B.Sc.

Name of the Course: Cryptogamic Diversity

Course Code: 22-BO-111

Paper: I

SET: B

Course Type: Core

Max. Marks: 35

Time: 2Hr

Instructions to the candidate:

- 1) *There are 4 sections in the question paper. Write each section on separate page.*
- 2) *All Sections are compulsory.*
- 3) *Figures to the right indicate full marks.*
- 4) *Draw a well labelled diagram wherever necessary.*

SECTION: A

Q1) Define or Explain

5

- I) What is Thallophytes?
- II) Cell wall of algae
- III) Ascolichen
- IV) Two characters of Hepaticae
- V) Function of hydathode of *Nephrolepis*

Q2) Attempt any four of the following

4

- I) Stored food in *Spirogyra*
- II) Types of Chlorophylls in algae
- III) Phycobiont
- IV) Dikaryotic mycelium
- V) Stolons of *Nephrolepis*
- VI) Sterigmata of *Penicillium*

SECTION: B

Q3) Answer in brief (any four) 8

- I) Give two examples of Cyanochloronta or Blue green algae used as bio fertilizer
- II) Write any two characters of Fungi
- III) Foliose lichens
- IV) Internal structure of Basidiocarp of *Agaricus*
- V) External structure of *Riccia* thallus.
- VI) Uses of Pteridophyte. (any two)

SECTION: C

Q4) Explain in brief (any four) 8

- I) Explain general characters of algae (any four)
- II) Explain types of mycelium in fungi
- III) Mention type of association in Lichens
- IV) Uses of *Penicillium*
- V) Sexual reproduction in *Riccia*
- VI) Classification of *Nephrolepis*

SECTION: D

Q5) Attempt any two of the following 10

- I) Write down uses of algae in food
 - II) Write down general characters of Bryophytes
 - III) Sexual reproduction in *Penicillium*
 - IV) Give general outline of Cryptogams
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Examination and Evaluation Pattern for Undergraduate courses (Autonomous)

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