

Total No. of Printed Pages: 02

SUBJECT CODE NO:- 2037
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. F.Y Sem. I
Examination March/April-2022 (To Be Held In June/July-2022)
Botany Paper-I
Diversity of Cryptogams-I

[Time: 1:53 Hours]

[Max. Marks:50]

Please check whether you have got the right question paper.

- N.B
- i) Attempt all the questions.
 - ii) Illustrate your answer with well labeled diagram.
- Q.1
1. Describe the general character of viruses and add a note on its Economic Importance. 20
 - OR
 2. Explain the life cycle of chara 20
- Q.2 Describe the life cycle of Eurotium 20
- OR
- Write short notes on (any four)
- a) General character of mycoplasma
 - b) Economic Importance of Bacteria 20
 - c) Usnea Lichen
 - d) Gills of Agaricus.
 - e) Economic importance of Algae
 - f) Ascocarp
- Q.3 Multiple choice questions. 10
1. Which of the following is not the basic shape of the Bacteria?
 - a) Rod shape
 - b) Square shape
 - c) Comma shape
 - d) Spiral shape
 2. All the Bacteria Fixnitroqen except _____
 - a) Rhizobium
 - b) E.coli
 - c) Azotabactor
 - d) Cyanobacteria
 3. The Genetic Material in Virus is _____
 - a) DNA & RNA
 - b) RNA only
 - c) DNA only
 - d) DNA or RNA

4. Which are the most primitive group of algae _____
 - a) Blue green Algae
 - b) Red Algae
 - c) Brown Algae
 - d) Green Algae

5. One of the following is present in blue green algae _____
 - a) Starch
 - b) Cyanophacean granule
 - c) Any polysaccharide
 - d) None of these

6. Hetro Cysts are _____
 - a) Colorless & thin walled
 - b) Green & thick walled
 - c) Colorless & thin walled
 - d) Colorless &thick walled

7. Fungi usually store the reserve food material in the from of _____
 - a) Starch
 - b) Lipid
 - c) Glycogen
 - d) Protein

8. Fungi producing usually eight spores in a sac like structure belong to _____
 - a) Phycomycetes
 - b) Ascomycetes
 - c) Basidirmlcotes
 - d) Deuteromcetes

9. The fruiting body of Eurotium is called _____
 - a) Apothecium
 - b) Perithecium
 - c) Cleistothecium
 - d) Hypanthodium

10. Perfect stage of fungus means _____
 - a) Fungus is perfectly healthy
 - b) Produce Asexually
 - c) Forms perfect sexual spores
 - d) None of these