

Total No. of Printed Pages: 2

SUBJECT CODE NO: - CB-2337
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. F.Y. (Sem-I)
Examination December/January-2022-23
Botany Paper-I BOT-011
Diversity of Cryptogams-I

[Time: 1:30 Hours]

[Max. Marks:40]

N. B Please check whether you have got the right question paper.

- 1) Attempt All questions
- 2) All question carry equal marks.
- 3) Draw neat and well labelled diagram wherever necessary.

Q1 Describe in details life cycle of sargassum. 10

OR

Describe the brief

- a) Economic importance of Algae
- b) Reproduction in batrachospermum

Q2 Explain in details general character and forms of thalli in lichen. 10

OR

Describe in brief

- a) Sexual reproduction in mucor
- b) Economic importance of fungi

Q3 Write short notes (any two) 10

- a) General characters mycoplasma
- b) Citrus canker
- c) Economic importance of viruses

Q4 Multiple choice questions 10

1. Transfer of genetic material from the donor to recipient bacterium through cell contact is termed as _____.
a) transduction b) recombination c) conjugation d) transformation
2. Bacterial cell wall is made up of _____.
a) chitin b) cellulose c) dextran d) peptidoglycan
3. Tikka diseases of ground nut caused by _____.
a) cercospora b) Alsugo c) alternaria d) mucor
4. The fungi which derive their foods directly from dead organic matter are known as _____.
a) predictors b) decomposers c) mutualists d) parasitic fungi

5. Fungi differ from algae in having
 - a) chlorophyll
 - b) starch as reserve foods
 - c) cell wall made up of cellulose
 - d) cell wall made up of chitin

6. Reserve food material of fungi is _____.
 - a) glucose
 - b) glycogen
 - c) protein
 - d) starch

7. The plants which are consists of _____ and are very primitive plants are called as halophytes.
 - a) thallus
 - b) leafy structure
 - c) roots
 - d) stems

8. The semiotic association of algae and fungi is known as _____.
 - a) mycorrhiza
 - b) lichen
 - c) mycoplasma
 - d) Both A and B

9. _____ is the father of Indian mycology.
 - a) E.J. Butler
 - b) Sharma V.N
 - c) Alexopolus
 - d) Saxena A.D

10. TMV was discovered by
 - a) stanely
 - b) Ivanowski
 - c) mayer
 - d) beijerinck