

Total No. of Printed Pages: 2

SUBJECT CODE NO: - YY-2459
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. (CBCGS) (Pattern 2022) F.Y SEM I
Examination April / May - 2024
Botany Paper-I Diversity of Cryptogams-I



[Time: 1:30 Hours]

[Max. Marks: 40]

Please check whether you have got the right question paper.

N. B

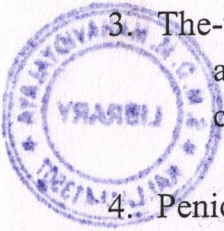


- 1) Attempt all questions
- 2) All Question carry equal marks.
- 3) Draw neat & Well labelled diagram wherever necessary.

- Q.1** Describe in detail General characters and Economic importance of Algae. 10
- OR**
- [A] Thallus structure of Sargassum 5
 [B] sexual reproduction in Betruchospermum 5
- Q.2** Explain in detail Life cycle of cercospora. 10
- OR**
- [A] Economic importance of Lichen 5
 [B] Reproduction in mucor 5
- Q.3** Write short notes on (any two) 10
- a) TMV
 - b) Mycoplasma
 - c) Ultrastructure of Bacteria
- Q.4** Multiple choice questions 10
1. Transduction was discovered by

a) Avery	b) Griffith
c) Ivonovsky	d) Zinder & Leaderberg.
 2. Lichen reproduce vegetatively by

a) Fragmentation	b) Soredia
c) Isidia	d) All of the Above



3. The-vegetative body of Algae
- | | |
|---------------|------------------|
| a) Mycelium | b) Thallus |
| c) Plasmodium | d) Pseudopodium. |
4. Penicillium belongs to class
- | | |
|-----------------|-------------------|
| a) Ascomycetes | b) Basidiomycetes |
| c) Phycomycetes | d) Deuteromycetes |
5. Which of the following does not contain chlorophyll
- | | |
|---------------|-------------------|
| a) Fungi | b) Algae |
| c) Bryophytes | d) pteridiophytes |
6. Which of the following is plant virus
- | | | | |
|--------|-------------|-----------|--------|
| a) TMV | b) H_1N_1 | c) Corona | d) HIV |
|--------|-------------|-----------|--------|
7. Flagella of Bacteria enable them to
- | | |
|-----------------------------|------------------------------|
| a) Reproduce | b) Locomote |
| c) Adhere to tissue surface | d) Thrive in Nutrient a gas. |
8. Seaweeds or giant algae belongs to which class
- | | |
|--------------------|------------------|
| a) Rhodophyceae | b) phaeophyceae |
| c) xeen trophyceae | d) xanthophyceae |
9. Fungi usually produce eight spore in a sac like structure belong to
- | | |
|-----------------|-------------------|
| a) phycomyceton | b) Basidiomycetes |
| c) Ascomycetes | d) Deuteromycetes |
10. Little leaf of brinjal is caused by
- | | |
|---------------|----------|
| a) Algae | b) Fungi |
| c) Mycoplasma | d) Virus |

