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SUBJECT CODE NO:- B-2019
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. F.Y. (Sem-I) Examination Oct/Nov 2019
Botany Paper-I
Diversity of Cryptogams-I

[Time: 1.30 Hours]

[Max.Marks:50]

Please check whether you have got the right question paper.

- N.B
- 1) Attempt all questions
 - 2) Illustrate your answer with well labelled diagram
- Q.1 Describe in detail the structure of TMV and add a note on its multiplication. 20
- OR
- Explain in detail systematic position, thallus structure and reproduction in sargassum.
- Q.2 Describe the life cycle of Agaricus 20
- OR
- Write short notes on (any four)
- a) General characters of Bacteria
 - b) Types of lichens
 - c) Globule & nucule
 - d) Batrachospermum
 - e) Asexual Reproduction in Mucor
 - f) Gills of Agaricus
- Q.3 Multiple choice questions. 10
- 1) Reproduction in Bacteria takes place by-----
 - a) Zoospores b) conidia c) Aplanospores d) Binary fission
 - 2) The Bacterial transformation discovered by -----
 - a) Leeuwenhoek b) Griffith c) Robert Hill d) Khorana
 - 3) TMV stands for -----
 - a) Total multiple virus b) Tobacco mosaic virus
 - c) tomato mosaic virus d) Tree Mosaic virus
 - 4) Classification of cryptogam is based on -----
 - a) D.I. Arnon b) Bateson c) Smith d) Robert Koch
 - 5) The cyanobacteria are -----
 - a) Eukaryotic b) prokaryotic c) a & b both d) None of the above
 - 6) A kinate formation takes place in -----
 - a) Red Algae b) yellow Algae c) Diatoms d) Blue green Algae

- 7) Sexual reproduction in Botrydium is -----
 - a) Oogamous b) Anisogamous c) isogamous d) All of the above

- 8) The sexual spores are ----- in mucor
 - a) Motile b) non- motile c) flagellated d) capsulated

- 9) Umbrella like cap of Mushroom is -----
 - a) Pileus b) Basidium c) Gill d) capsid

- 10) Tikka disease of groundnut is caused by -----
 - a) Aspergillus b) Albugo c) Alternaria d) cercospora