

BACHELOR OF SCIENCE (CBCS-2018 COURSE)
F. Y. B. Sc. Sem-I : WINTER- 2022
SUBJECT : BOTANY : PLANT DIVERSITY & UTILIZATION OF PLANTS-I

Day : Wednesday

Time : 10:00 AM-01:00 PM

Date : 14-12-2022

W-18298-2022

Max. Marks : 60

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat labeled diagrams **WHEREVER** necessary.
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- Q.1** Attempt any **TWO** of the following: (12)
- a) Describe structure of male and female conceptacle of *Sargassum*.
 - b) Give sexual reproduction in *Aspergillus*.
 - c) Write economic importance of Bryophyta.
- Q.2** Attempt any **TWO** of the following: (12)
- a) Describe protonema of *Funaria*.
 - b) Give classification of Algae upto class.
 - c) Describe role of Fungi in human welfare.
- Q.3** Attempt any **TWO** of the following: (12)
- a) Explain asexual reproduction in *Aspergillus*.
 - b) Describe thallus structure of Hepaticopsida and Bryopsida.
 - c) Describe sexual reproduction in *Selaginella*.
- Q.4** Attempt any **THREE** of the following: (12)
- a) Write any two industrial products of Algae.
 - b) Give important features of Ascomycotina and Basidiomycotina.
 - c) Explain types of Lichens with example.
 - d) Give an account of sporophyte of *Funaria*.
 - e) Write salient features of Pteridophyta.
- Q.5** Attempt any **FOUR** of the following: (12)
- a) Give classification of *Selaginella* with reasons.
 - b) Write salient features of Chlorophyta and Cyanophyta.
 - c) Explain V.S. of apothecium.
 - d) Give important features of Psilopsida and Lycopsida.
 - e) Write general characters of Fungi.
 - f) Give economic importance of Lichens.

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