

F.Y.B.SC. SEM – I (2014 Course) : WINTER - 2018

SUBJECT: BOTANY: PLANT DIVERSITY & UTILIZATION OF PLANTS – I (B-11)

Day: Wednesday
Date: 17/10/2018

W-2018-0775

Time: 12.00 NOON TO 02.00 PM
Max. Marks: 40

N.B.:

- 1) All questions are **COMPULSORY**
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat and labelled diagrams **WHEREVER** necessary.
-

Q.1 Attempt any **TWO** of the following: (10)

- a) Give classification and morphological characters of *Selaginella*.
- b) Describe asexual reproduction of *Sargassum*.
- c) Explain sexual reproduction in *Aspergillus*.

Q.2 Attempt any **TWO** of the following: (10)

- a) Describe application of algae in Agriculture.
- b) Explain sporophete of *Funaria*.
- c) Give general characters of fungi.

Q.3 Attempt any **TWO** of the following: (10)

- a) Distinguish between Bryophyta and Pteridophyta.
- b) Describe salient features of Chlorophyta with suitable examples.
- c) What are Lichens? Give their forms.

Q.4 Attempt any **FIVE** of the following: (10)

- a) Write asexual reproduction in *Aspergillus*.
- b) Give any four industrial products obtained from fungi.
- c) Write classification with reasons of *Sargassum*.
- d) Give application of Bryophytes in manufacture of industrial products.
- e) Distinguish between Psilopsida and Lycopsida.
- f) Give any four salient features of algae.
- g) Describe thallus structure of *Anthoceros*.

* * * *