

T.Y.B.SC. SEM – V (2014 Course) : SUMMER - 2019
SUBJECT : BOTANY : BIOLOGY OF LOWER CRYPTOGAMS (ALGAE & FUNGI)
(B - 51)

Day : Monday
Date : 08/04/2019

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

S-2019-0993

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat and labeled diagrams **WHEREVER** necessary.
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Q.1 Attempt **ANY TWO** of the following: [10]

- a) Give characteristics features of Cyanophyta.
- b) Explain morphology of *Batrachospermum*.
- c) Give list of edible and poisonous mushroom.

Q.2 Attempt **ANY TWO** of the following: [10]

- a) Describe uredial and telial stage in *Puccinia*.
- b) Describe female reproductive structure in *Chara*.
- c) Explain male conceptacle in *Sargassum*.

Q.3 Attempt **ANY TWO** of the following: [10]

- a) Give beneficial aspects of fungi.
- b) Explain morphology of *Aspergillus*.
- c) Give distinguishing characters of algae.

Q.4 Attempt **ANY FIVE** of the following: [10]

- a) Give morphological characters of *Plasmodiphora*.
- b) Enlist morphological characters in *Chara*.
- c) Describe the sexual reproduction in *Oedogonium*.
- d) Give role of fungi as an antibiotic.
- e) Describe the symptoms of *Synchytrium*.
- f) Describe asexual reproduction in *Albugo*.
- g) Give economic importance of *Clavicep*.

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