

T.Y.B.SC. SEM – V (CBCS - 2016 Course) : SUMMER - 2019
SUBJECT: BOTANY BIOLOGY OF LOWER CRYPTOGAMES (ALGAE & FUNGI)

Day: Wednesday
Date: 10/04/2019

Time: 11.00 A.M. To 02.00 P.M.
Max Marks. 60

S-2019-0857

N.B.

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat and labelled diagrams **WHEREVER** necessary.
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Q.1 Attempt any **TWO** of the following (12)

- a) Describe cystocarp in *Batrachospermum*.
- b) Give occurrence and distribution of fungi.
- c) Explain asexual reproduction in *Albugo*.

Q.2 Attempt any **TWO** of the following (12)

- a) Describe uredial stage and telial stage in *Puccinia*.
- b) Describe aquaculture with suitable examples.
- c) Give process of mushroom cultivation.

Q.3 Attempt any **TWO** of the following (12)

- a) Describe asexual reproduction in *Plasmodiophora*.
- b) Give medicinal and food value of algae.
- c) Describe male reproductive structure in *Chara*.

Q.4 Attempt any **THREE** of the following (12)

- a) Give economic importance of fungi.
- b) Explain the thallus structure in *Rhizophus*.
- c) Describe female conceptacle in *Sargassum*.
- d) Give structure of *VAM* fungi.

Q.5 Attempt any **FOUR** of the following (12)

- a) Explain algae as biofertilizer.
- b) Describe ultra structure of fungal cell.
- c) Give outline of Smith's system of classification in algae.
- d) Describe in brief *Clavicep*.
- e) Give character of *Synchytrium* in fungi.

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