

Seat Number

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Nov-2015



कंपन - 012

BOTANY PAPER - I : BOT - 111
Lower Cryptogams
(11145)

P. Pages : 3

Time : Two Hours

Max. Marks : 40

Instructions to Candidates :

1. Do not write anything on question paper except Seat No.
2. Graph or diagram should be drawn with the black ink pen being used for writing paper or black HB pencil.
3. Students should note, no supplement will be provided.
4. All questions are compulsory.
5. Figures to the right indicates full marks.
6. Draw neat labelled diagrams wherever necessary.

1. Solve any eight.

8

- a) The branch which deals with study of fungi is known as -----
i) Physiology ii) Ecology
iii) Mycology iv) Phycology
- b) The reserve Food Material in algae is -----
i) Cellulose ii) Starch
iii) Protein iv) Glycogen
- c) The algae growing in seawater is known as -----
i) Fresh water algae ii) Terrestrial Algae
iii) Marine algae iv) Lithophytic algae
- d) Sexual reproduction absent in -----
i) Cyanophyta ii) Chlorophyta
iii) Phaeophyta iv) Rhodophyta
- e) Agar-Agar is obtained from -----
i) Ulothrix ii) Spirogyra
iii) Gracilaria iv) Nostoc

- ii) Describe the Female conceptacle of sargassum.
- iii) Describe the sexual reproduction in Agaricus.
- b) How Asexual reproduction take place in Nostoc. 2
- 5. Draw a labelled diagram and describe sexual reproduction in Rhizopus. 8

OR

Give the outline classification of algae up to classes as given by G.M. Smith with suitable example of each.
