

Roll No.

91038

B.Sc. (Hons.) Chemistry
1st Semester w.e.f. 2012-13
Examination – November, 2018

BOTANY-I OPTIONAL

Time : Three Hours] [Maximum Marks : 40
Before answering the questions, candidates should ensure that they have
been supplied the correct and complete question paper. No complaint in
this regard, will be entertained after examination.

Note : Attempt five questions in all. Question No. 1 is
compulsory. Out of remaining questions select one
question from each Unit. All questions carry equal
marks.

1. (a) Write down the name of algae found associated
with fungus. *Endophora*
- (b) Name any two edible algae. *Spirulina, Gelidium*
- (c) What are essential oils?
- (d) What is Economic importance of Lichens?
- (e) Explain Root System in Pinus.
- (f) Write a note on steelar system.
- (g) Name type of seed present in Pteridophytes.
- (h) Define Taxonomy. 1 . 8 = 8

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UNIT - I

2. (a) Describe various modes of reproduction in algae. 4
- (b) Write brief account of classification of fungi. 4
3. (a) Write short notes on economic importance of
algae. 4
- (b) Write about Mycorrhiza. 4

UNIT - II

4. Explain general characteristics of Pteridophytes and
give their brief account of economic importance. 8
5. Explain male and female reproductive organs of
Bryophytes. 8

UNIT - III

6. (a) Differentiate between Seed habits in
Pteridophytes and Gymnosperms. 4
- (b) Give brief account of Distribution of
Gymnosperms in India. 4
7. Write brief notes on economic importance of
Gymnosperms with reference to : 8
- (a) Wood,
- (b) Drugs.

UNIT - IV

8. (a) Write short notes on merits and demerits of
Bentham and Hooker system of classification. 4
- (b) What is role of Herbaria? 4
9. Give brief account of international code of Botanical
nomenclature. 8

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