

M.Sc. Semester-I (CBCS Scheme) Examination
BOTANY
BIOLOGY AND DIVERSITY OF ALGAE AND BRYOPHYTES
Paper-III

Time : Three Hours]

[Maximum Marks : 80

1. Write on :
 - (a) Reserve Food Material in Algae 5
 - (b) Flagella in Algae 5
 - (c) Haplobiontic life cycle in Algae 6

OR

 - (d) Reproduction in Cyanophyta 5
 - (e) F.E. Fritsch classification of Algae 6
 - (f) Range of habitat in Algae 5
2. Write a general account on chorales. 16

OR

Give general account of xanthophyceae. 16
3. Write on :
 - (g) Life cycle in Phaeophyta 6
 - (h) Algae as food 5
 - (i) Algae as pollution indicator 5

OR

 - (j) Reproduction in Rhodophyta 6
 - (k) Algae as biofertilizer 5
 - (l) Phytoplankton. 5
4. Describe methods of propagation in Bryophytes. 16

OR

Give a detail account on classification and distribution of Bryophytes. 16
5. Write on :
 - (m) Thallus organisation and reproduction in Sphaerocarpales 6
 - (n) Sporophyte in Marchantiales 5
 - (o) Thallus organization and internal structure in Sphagnales. 5

OR

 - (p) Progressive evolution of sporophyte 5
 - (q) Reproduction in Bryales 6
 - (r) Anatomy of Axis in Bryales. 5

