

M.Sc. (Zoology) (NEP Pattern) Semester-IV
04ZOO003.3 - DSE Paper-III : Fresh Water Zoology-II

P. Pages : 1

Time : Three Hours



GUG/S/25/16386

Max. Marks : 80

-
- Notes :
1. All questions are compulsory.
 2. All questions carry equal marks.
 3. Draw labeled diagram wherever necessary.

1. Write in detailed on diurnal and vertical movement of plankton. **16**

OR

Write short notes on

- a) Collection and Preservation of Plankton.
- b) Types and composition of Aquatic weeds.

2. Describe the various forms of nekton from aquatic ecosystem. **16**

OR

Write short notes on

- a) Qualitative and quantitative study of Benthos.
- b) Importance of benthic organisms.

3. Explain the Physicochemical characteristics of phosphates, nitrates and dissolved gases. **16**

OR

Write short notes on

- a) Control measures of Heavy metal.
- b) Biomagnificance.

4. Discuss in details on Drinking water treatment. Add a note on water. pollution act. **16**

OR

Write short notes on

- a) Effect and control measures of eutrophication
- b) bioassay study.

5. Attempt the following **16**

- a) Importance of plankton
- b) Sediments in lakes and rivers.
- c) Sources of pollutants.
- d) Biological indicators of pollution
