

M.Sc. (Part—I) Semester—II (CBCS Scheme) Examination
ENVIRONMENTAL SCIENCE
(Water Pollution)
Paper—VIII

Time : Three Hours]

[Maximum Marks : 80

Note :— All questions are compulsory and carry equal marks.

1. Explain in brief :
 - (a) Water quality indices. 5
 - (b) Role of environmental protection agency. 5
 - (c) Methods for control of water pollution. 6

OR

 - (d) Significance of water quality indices. 5
 - (e) Physical characteristics of waste water. 5
 - (f) Biological characteristics of waste water. 6
2. Describe the sources of Marine water pollution. Add a note on disposal of marine water pollutants. 16

OR

Describe the sources of water pollution from agricultural and industrial areas. 16
3. Describe the effluent characteristics of oil and petroleum industries. 16

OR

Describe the pollution potential of thermal power stations. 16
4. Describe in brief :
 - (g) Global water balance. 5
 - (h) Exploration of groundwater by human beings. 5
 - (i) Zooplanktons in aquatic ecosystem. 6

OR

 - (j) Effects of groundwater exploration on water resources. 5
 - (k) Phytoplanktons role in aquatic ecosystem. 5
 - (l) Role of groundwater in Natural Environment. 6
5. Explain in brief :
 - (m) Bioindicators of water pollution. 5
 - (n) Effects of water pollution on plants. 5
 - (o) Effects of water pollution on animals. 6

OR

 - (p) Eutrophication and water pollution. 5
 - (q) Bioaccumulation and water pollution. 5
 - (r) Effects of water pollutants on land. 6

