

M.Sc. (Part—II) Semester—III (CBCS) Examination
ENVIRONMENTAL SCIENCE
(Pollution Control Technology)
Paper—XII

Time : Three Hours]

[Maximum Marks : 80

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

1. Explain in brief :
 - (a) Indian Scenario of Air Pollution Control. 5
 - (b) Role of cyclone separators in particulate emission control. 5
 - (c) Control of gaseous pollutants. 6

OR

 - (d) Automobile pollution control by Exhaust emission. 5
 - (e) Particulate emission control by Fabric Filters. 5
 - (f) Importance of Air pollution control methods. 6
2. Describe the Industrial Primary Waste Water Treatments. 16

OR

Describe the sludge treatments and disposal methods. 16
3. Explain :
 - (g) Concept of common effluent treatment plant. 5
 - (h) Secondary Industrial treatment process for fertilizers industry. 5
 - (i) Methods for recycling of waste water. 6

OR

 - (j) Waste water treatment by removal of suspended solids. 5
 - (k) Screening and skimming process for Industry. 5
 - (l) Concept of public owned treatment plant. 6
4. Describe the Noise Control measures for industries. 16

OR

Describe the sources of Radiations. Give the biological effects of Radiations. 16
5. Describe :
 - (m) Types of solid wastes. 5
 - (n) Role of incineration and recycling in solid waste disposal. 5
 - (o) Management of urban solid waste. 6

OR

 - (p) Components of biodegradable solid wastes. 5
 - (q) Sources of solid wastes. 5
 - (r) Inorganic industrial solid wastes composition. 6

