

Time: 3 Hrs.

Marks: 80

- N.B: (1) Question 1 is compulsory
(2) Answer any Three from remaining five questions.
(3) Assume suitable data whenever necessary.
(4) Figures to the right indicate full marks.

Q1. Attempt the following. (20)

1. What is air dispersion?
2. Noise Pollution
3. Biodiversity
4. The green Revolution.

Q2.a. Water pollutants are classified? List the major water pollutants, explain any one in detail. (10)

b. Describe Solid Waste Disposal methods. Explain any one in detail. (10)

Q3.a. Discuss the Activated Sludge Process waste water treatment. (10)

b. Explain in brief BOD test carried out in Laboratory scale. (10)

Q4.a. What is DO Sag-Curve? Explain in brief. (10)

b. Write & explain classification air pollution particulate matter in brief. (10)

Q5.a. Write a note on (10)

i. The Forest Conservation Act of 1980.

ii. Ozone layer depletion.

b. Draw and explain working principle and construction of Fabric filters. (10)

Q6.a. Discuss the classification of hazardous waste based on material properties. (10)

b. Explain the effects of acid rain on human as well as on environment. (10)
