

B.Sc Semester-4 Examination**ENS-204: Environmental Science****(Environmental Pollution)****Time : 2-30 Hours]****[Max. Marks : 70**

- Instructions:** (1) Draw figures where necessary.
(2) Show question number against each answer.
(3) Figures in right are marks.

Q.1 Write a note on devices to control air pollution. (14)

OR

Q.1(A) Write a note on composition of atmosphere. (07)

Q.1(B) Note on effects of air pollution on human health. (07)

Q.2 Write a note on sources of water pollution in detail. (14)

OR

Q.2(A) Explain different water quality parameters (07)

Q.2(B) Explain the effects of thermal pollution on water bodies. (07)

Q.3 Explain in detail soil profile and its characteristics with diagram. (14)

OR

Q.3(A) Write a note on effects of soil pollution on flora and fauna. (07)

Q.3(B) Write the methods to control soil pollution. (07)

Q.4 Write a note on different types of physical pollution with its characteristics. (14)

OR

Q.4(A) Write the effects of noise pollution on human and environment. (07)

Q.4(B) Explain thermal pollution in detail. (07)

Q.5 Answer any **seven** out of twelve. (14)

- A. What does pollution mean?
 - B. Write sources of air pollution.
 - C. Define Bioaccumulation.
 - D. Define plume model.?
 - E. How many layers of soil are there? Name them.
 - F. What does soil horizon mean?
 - G. Define ESPs.
 - H. Name organic and inorganic pollutants of water.
 - I. Write major sources of pollution.
 - J. Name devices to control air pollution.
 - K. Define Eutrophication.
 - L. How much dB is safe for human ear?
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