

B.Sc. (Part-II) (CBCS Pattern) Semester - III
USENVT05 - Environmental Science Paper-I : Pollution Science

P. Pages : 1

Time : Three Hours



GUG/S/23/11606

Max. Marks : 50

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- Notes : 1. All questions are compulsory and carry equal marks.
2. Illustrate the answers with suitable diagrams and examples.

1. What is air pollution? Discuss vehicular pollution in detail. 10
OR
a) Explain secondary air pollutants. 5
b) Discuss point and non-point sources of air pollution. 5
2. Describe surface and ground water pollution in detail. 10
OR
a) Briefly explain environmental issues associated with coal ash. 5
b) Explain effect of oil pollution on marine life. 5
3. Explain equipment's used for noise measurement with neat sketch. 10
OR
a) Explain basic types of radiation. 5
b) Discuss difficulties due to poor illumination. 5
4. Discuss chemical and metallic pollutants in soil. 10
OR
a) Explain the major routes of contamination of soil. 5
b) Discuss the effects of pesticide pollution on aquatic biota. 5
5. Answer in brief **any ten**. 10
a) What are criteria pollutants?
b) Give effects of acid rain.
c) Define air pollution.
d) Define thermal pollution.
e) State effects of thermal pollution.
f) Define oil pollution.
g) What is noise pollution?
h) Name the types of radiations emitted by cell phone towers.
i) Mention difficulties due to inadequate ventilations.
j) Give the full form of POPs.
k) What is salination of soil?
l) What is bioaccumulation?
