

M.Sc. (Part-I) (Environmental Science) (CBCS Pattern) Semester - II
PSENV T05 / PSCENV T05 - V : Environmental Sampling and Analysis

P. Pages : 1

Time : Three Hours



GUG/S/23/11203

Max. Marks : 80

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

1. Discuss components and working of high volume sampler. 16

OR

a) Explain working of dust fall jar. 8

b) Describe site selection criteria for ambient air sampling. 8

2. Discuss physical parameters for the analysis of water. 16

OR

a) Briefly explain water sampling equipments. 8

b) Discuss types of water sample. 8

3. Discuss procedure for soil sampling. Add a note on preservation of soil sample. 16

OR

a) Explain soil survey methods. 8

b) Describe types of soil survey. 8

4. Discuss site identification and methodology for noise level measurement. 16

OR

a) Briefly explain effects of meteorological parameters on noise propagation. 8

b) Write a note on occupational health and noise. 8

5. a) Explain method of stack sampling. 4

b) Write about preservation of water sample. 4

c) Explain a method of the analysis of soil pH. 4

d) Write a note firecrackers and noise. 4
