

M.Sc. (Envi.) Semester - 2 (CBCS) Examination
May/June-2022 (New Course)
Air and Water Pollution (Core)

Time: 2:30 Hours**Marks: 70****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

Q.1	Answer the following (any <u>seven</u> out of ten, each of two marks)	14
	1. Give any four name of Air pollutant 2. Explain Composition of Air 3. What is plume behaviour? 4. Define word Temperature lapse rates. 5. Explain definition of water pollution. 6. Write any four effects of polluted water. 7. Mention the application water treatment. 8. Write importance water purification 9. Give four suggestions for controlling air pollution 10. Write about sources of water pollutants.	
Q.2	Write short note (any two)	14
	1. Discuss Sampling and measurement of air pollutants 2. Write a note on wind velocity and turbulence. 3. Describe plume behaviour and dispersion of air pollutants	
Q.3	Answer the following (both are compulsory)	14
	1. Explain classification of pollutants. 2. Write about Types and Properties of pollutants.	
	OR	
Q.3	Answer the following	14
	1. Explain Chloro-fluoro carbons in ozone layer depletion	05
	2. Write concept of global warming, its origin, status and means to control	05
	3. Write a note on Major sources of Air pollutants.	04
Q.4	Answer the following (any two)	14
	1. Explain sources of thermal pollution, 2. Discuss waste water treatment. 3. Describe thermal effects on marine life,	
Q.5	Write short note (any two)	14
	1. Describe Removal of suspended and dissolved solids, 2. Write a note on Primary, Secondary and Tertiary water treatment. 3. Write a note on applications of purification of water.	
