

**DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE**

**Regular End Semester Examination – Summer 2022**

**Course: M. Tech. Branch : M.Tech. Mechanical Engineering Semester : II**

**Subject Code & Name: MOE25D Environmental Engineering and Pollution**

**Control**

**Max Marks: 60**

**Date: 21/10/2022**

**Duration: 3 Hr.**

**Instructions to the Students:**

1. Each question carries 12 marks
2. Attempt any five questions from the following.
3. The level of question/expected answer as per OBE or the Course Outcome (CO) on which the question is based is mentioned in ( ) in front of the question.
4. Use of non-programmable scientific calculators is allowed.
5. Illustrate your answers with neat sketches, diagrams etc. Assume suitable data wherever necessary and mention it clearly.

	(CO)	Marks
<b>Q. 1 Solve the following.</b>		
A) Describe the exposure levels and standard of noise Pollution	CO1	6
B) What are the effect of radioactive pollutants on plants animals and human beings?	CO1	6
<b>Q.2 Solve the following.</b>		
A) Compare soil pollution vs water pollution	CO3	6
B) Explain with sketches the various dust control equipment's.	CO3	6
<b>Q. 3 Solve the following.</b>		
A) Explain assessment of pollution effects due to air and water Pollution.	CO4	6
B) What are the sources of noise pollution and its effects?	CO3	6
<b>Q.4 Solve the following.</b>		
A) Justify the statement “solid waste affect the environment”	CO2	6
B) Compare organic and inorganic air pollutants.	CO1	6
<b>Q. 5 Solve the following.</b>		
A) Describe the environmental pollution control techniques for air pollution.	CO1	6
B) Explain with sketches the various dust control equipment.	CO3	6
<b>Q. 6 Write a short notes on ( Solve any two)</b>		
i) Soil microbes	CO4	12
ii) Control measures of radioactive pollution	CO5	
iii) Bioleaching and biomineralization	CO5	

**\*\*\* End\*\*\***