

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
Q. 1 Solve the following.		
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
Q.2 Solve the following.		
A) Compare soil pollution vs water pollution	CO3	6
B) Explain with sketches the various dust control equipment's.	CO3	6
Q. 3 Solve the following.		
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
Q.4 Solve the following.		
A) Justify the statement “solid waste affect the environment”	CO2	6
B) Compare organic and inorganic air pollutants.	CO1	6
Q. 5 Solve the following.		
A) Describe the environmental pollution control techniques for air pollution.	CO1	6
B) Explain with sketches the various dust control equipment.	CO3	6
Q. 6 Write a short notes on (Solve any two)		
i) Soil microbes	CO4	12
ii) Control measures of radioactive pollution	CO5	
iii) Biobleaching and biomineralization	CO5	

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