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G.R. No.	
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PAPER CODE	UH83-222A(RE)
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MAY 2023 (ENDSEM) EXAM
B. TECH. (CIVIL) (AY 2022-23 SEMESTER - II)
COURSE NAME: AIR POLLUTION AND CONTROL
COURSE CODE: CVUA40182A
(PATTERN 2018)

Time: [1Hr]

[Max. Marks: 30]

(*) Instructions to candidates:

- 1) Use of scientific calculator is allowed.
- 2) Use suitable data where ever required
- 3) All questions are compulsory

Question No.	Question Description	Max. Marks	CO mapped	BT Level
Q.1	a) Enlist various parameters considered for selection of equipments to control air pollution.	[4]	[CO4]	[Remembering]
	b) Is it possible to control air pollution in natural way? Present your opinion.	[6]	[CO4]	[Understanding]
	OR			
	c) Suggest any two equipments used to control air pollution due to particulate matter. Explain their working principle, construction and operation, advantages and disadvantages.	[6]	[CO4]	[Remembering]
Q.2	a) Give your opinion for need of land use planning for control of air pollution.	[4]	[CO5]	[Understanding]
	b) Discuss the motive for development of Air (Prevention and Control) Pollution Act 1981 and the penalty provisions under this Act.	[6]	[CO5]	[Remembering]
	OR			
	c) Discuss in detail objectives and development of NAAQS 2009.	[6]	[CO5]	[Remembering]

Q.3	a) Differentiate between checklist method and network method of Environmental Impact Assessment.	[4]	[CO6]	[Understanding]
	b) Explain step by step procedure of environmental clearance.	[6]	[CO6]	[Remembering]
	OR			
	c) Explain the role of project proponent, environmental consultant, CPCB & PCC in issuing environmental clearance for a new project.	[6]	[CO6]	[Remembering]