

Total No. of Questions – [06]

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PAPER CODE	V482-222A(ESF)
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May 2022 - ENDSEM EXAM
FINAL YEAR B. TECH. (Civil Engineering) (SEMESTER - II)
COURSE NAME: AIR POLLUTION AND CONTROL
COURSE CODE: CVUA40182A
(PATTERN 2018)

Time: [1 Hour]

[Max. Marks: 30]

(*) Instructions to candidates:

- 1) Answer Q.1 OR Q.2, Q.3 OR Q.4, Q.5 OR Q.6.
- 2) Figures to the right indicate full marks.
- 3) Use of scientific calculator is allowed
- 4) Use suitable data where ever required

- Q.1 a Enlist the parameters considered for selection of equipment's to control air pollution. [4]
b Suggest the equipment suitable for control of air pollution due to particulate matter and discuss its working principle with suitable sketch. Also list any two advantages and two disadvantages. [6]

OR

- Q2 a Suggest methods to control indoor air pollution and discuss any one in detail. [4]
b Is it possible to control air pollution in natural way? Present your opinion. [6]
- Q.3 a "Cost-benefit analysis for air pollution control is an economic exercise". Present your views. [4]
b Discuss the contribution of Environment (Protection) Act 1986 towards the control of air pollution. [6]

OR

- Q.4 a Give your opinion for need of land use planning for control of air pollution. [4]
b Discuss the motive for development of Air (Prevention and Control) Pollution Act 1981 and the penalty provisions under this Act. [6]
- Q.5 a Compare the matrices method and network method used to assess environmental impact of a new project. [4]
b Enlist the agencies involved in the environmental clearance for a project and discuss any one of them. [6]

OR

- Q.6 a "Environment Management Plan is the tool to ensure a safe and clean environment", Justify. [4]
b Enlist any four methodologies of EIA and discuss in detail any two of them. [6]