



VII SEMESTER B.TECH. (CHEMICAL ENGINEERING)

END SEMESTER EXAMINATIONS, NOV 2018

ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT PLAN [CHE 4005]

DATE: 29/11/2018 (AN)

Time: 3 Hours

MAX MARKS: 50

Instructions to Candidates:

- ❖ Answer **FIVE FULL** questions.
- ❖ Write in bullet points in easily readable format.
- ❖ Missing data may be suitably assumed.

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|----------|---|----------|
| 1 | a) Explain the history of EIA in the world. | 4 |
| | b) With a neat flow chart explain the process of the EIA process in India and give the timelines. | 4 |
| | c) List the various tools of environmental management | 2 |
| 2 | a) What are the major environmental problems in India? Explain. | 5 |
| | b) Write short notes on the Air Pollution Act, 1981. What are the important functions of the CPCB according to the air pollution act of 1981? | 3 |
| | c) Write short notes about Bhopal gas tragedy. | 2 |
| 3 | a) List the documents required for environmental clearance from MOEF under 1994 EIA notification. | 4 |
| | b) What are the constraints of the EIA notification 1994? | 2 |
| | c) List any 8 major Environmental laws in India with the year of passing | 2 |
| | d) Write short notes on water pollution act 1974 | 2 |
| 4 | a) Write short notes on Environmental Management | 4 |
| | b) What is "Terms of Reference" (TOR) in Environmental Impact assessment? Who gives the TOR? Explain. | 2 |
| | c) What are the anticipated impacts and remedial measures on the aquatic ecology and water resources of Nafra valley project during the operational phase of the project in the EIA report? | 4 |
| 5 | (a) Write short notes on Environmental taxation. | 3 |
| | (b) Write a summary of Environmental protection act of 1986 | 7 |