

Please check that this question paper contains 9 questions and 2 printed pages within first ten minutes.

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Uni. Roll No. 1805158...

Program: B.Tech. (Batch 2018 onward)

Semester: 8<sup>th</sup>

Name of Subject: Environmental Impact Assessment

Subject Code: OECE-105

Paper ID: 17347

Time Allowed: 03 Hours

Max. Marks: 60

NOTE:

- 1) Parts A and B are compulsory
- 2) Part-C has Two Questions Q8 and Q9. Both are compulsory, but with internal choice
- 3) Any missing data may be assumed appropriately

**Part – A [Marks: 02 each]**

**Q1.**

- a) What are the main objectives behind EIA studies?
- b) Explain the importance of Environmental Management Plan in EIA?
- c) How EIA activities are important in developing countries?
- d) Which are the cumulative impacts in EIA studies?
- e) Name different types of EIA environments, which are evaluated while conducting EIA.
- f) What do you understand by the term Environmental Clearance?

**Part – B [Marks: 04 each]**

- Q2. How EIA helps government in decision making to approve any highway project?
- Q3. What are the main impacts that need to be studied in SEIA?
- Q4. Explain various steps involved in EIA process before taking any alternative methods to decrease negative impact of the project.
- Q5. Discuss in brief various steps involved in prediction and assessment of impacts on air pollution.
- Q6. What is the importance of predictive methods in EIA?
- Q7. With a help of an example, explain the matrix method to predict the impact of a particular project on environment.

**Part – C [Marks: 12 each]**

**Q8.** (a).How human resources and financial planning helps to mitigate the impacts of the project?

(b). Write are the strengths and weakness of EIA.

OR

Based upon which characteristics EIA methodology should be selected?

**Q9.** Illustrate following terms with the help of example

a) Direct impacts & Indirect impacts

b) Short term impacts Vs Long term impacts

OR

Write any case study depicting the assessment of EIA report for developing project of any industry.

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