

Guru Nanak Dev Engineering College, Ludhiana

Department of Civil Engineering

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|------------------------------------|----------------|------------------------------|-------------------------------|
| Program | B.Tech.(CE) | Semester | 8 |
| Subject Code | OECE-105 | Subject Title | Environment Impact Assessment |
| Mid Semester Test (MST) No. | 1 | Course Coordinator(s) | Prof. Manvinder Kingra |
| Max. Marks | 24 | Time Duration | 1 hour 30 minutes |
| Date of MST | 22 March, 2022 | Roll Number | |

Note: Attempt all questions

| Q. No. | Question | COs, RBT level | Marks |
|--------|---|----------------|-------|
| Q1 | What are the objectives behind EIA studies? Or discuss the shortcomings of the EIA process. | CO2, L2 | 2 |
| Q2 | Discuss the importance of EIA activities for developing countries | CO1 L2 | 2 |
| Q3 | Environment impact refers to a positive or negative change to ecosystem or human health. How? | CO2, L3 | 4 |
| Q4 | Prepare a flowchart and network diagram to carry out impact analysis due to mining. | CO2, L2 | 4 |
| Q5 | Do the Ecosystem Services take into account the Environmental Impact Assessment (EIA)? Yes/No, | CO4, L4 | 4 |
| Q6 | Suppose you are an EIA agent and got mega project such as DAM to assess. What will the key elements for possible Assessment and How you will conduct? | CO6, L6 | 8 |

Course Outcomes (CO)

Students will be able to

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| 1 | Identify different aspects related to EIA |
| 2 | Understand the implications related to large scale development projects. |
| 3 | Apply the knowledge gained through the subject to assess the feasibility of a project |
| 4 | Analyze the profitability of a project in terms of environment. |
| 5 | Identify the suitable measures and will be able to prepare a plan for rapid EIA |
| 6 | Create a plan for environmental impact of a development project. |

| RBT Classification | Lower Order Thinking Levels (LOTS) | | | Higher Order Thinking Levels (HOTS) | | |
|--------------------|------------------------------------|---------------|----------|-------------------------------------|------------|----------|
| | L1 | L2 | L3 | L4 | L5 | L6 |
| RBT Level Number | | | | | | |
| RBT Level Name | Remembering | Understanding | Applying | Analyzing | Evaluating | Creating |