



INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR
Mid-Spring Semester 2016-17

Date of Examination: 13-02-2017 Session: AN Duration: 2 hrs

Subject No.: CE60140/CE60078/CE31306

Subject Name: ENVIRONMENTAL IMPACT ASSESSMENT/ ENVIRONMENTAL IMPACT ASSESSMENT AND AUDITING

Department: CIVIL ENGINEERING

Special Instructions (if any): Answer PART A and PART B in separate answer scripts

Total Marks: 30

PART A

1. What are requirements to consider “**significance of impact**”. Apply a series of ten questions to determine whether the proposed plan or project needs an EIA. (6 marks)
2. What is “**scoping**” in EIA process. Illustrate using a flow-sheet diagram the inclusion of **public participation** in the levels of EIA process. (6 marks)
3. Consider a proposal of an industrial project in a given area around Kharagpur. Develop a ten step activity model for EIA process of the proposed project. (6 marks)

PART B

1. Answer any two of below question(s) (3 marks x 2)
 - a. Explain Hierarchy in EIA
 - b. What is SEA? Benefits and Constraints of SEA?
 - c. Explain SEA process?
 - d. Differentiate SEA and EIA.
2. Answer any two of below question(s) (3 marks x 2)
 - a. Explain environmental Clearance procedure in India
 - b. Explain different categories to be accessed for environmental clearance in India
 - c. Documents required for Environmental clearance in India