

MASTER OF SCIENCE (ENVIRONMENT SCIENCE & TECHNOLOGY) (CBCS-2019 COURSE)
M.Sc.(Environment Science & Technology) Sem -III : WINTER : 2021
SUBJECT: INTEGRATED IMPACT ASSESSMENT

Day : Tuesday
Date : 04-01-2022

W-21224-2021

Time : 10:00 AM-01:00 PM
Max.Marks 60

N.B.:

- 1) Answer **ANY FIVE** questions.
- 2) All questions carry **EQUAL** marks.
- 3) Draw diagram **WHEREVER** necessary.

- Q.1** a) Describe the structure of an EIA report. Outline the importance of EMP in this report. (06)
- b) What are the methods of pre and post monitoring in an impact assessment. (06)
- Q.2** a) Describe the procedure for conducting a public hearing as part of the environmental clearance problem in India. (06)
- b) 'SEA and EIA are complementary tiers of impact assessment. Explain with examples. (06)
- Q.3** a) Describe the steps involved in designing on SEA for a highway project. (06)
- b) Why should biodiversity impacts be included in an SEA process? (06)
- Q.4** a) Discuss the importance of horizontal and vertical integration of EIA. (06)
- b) Describe briefly the environmental clearance process in India. What are its lacunae currently? (06)
- Q.5** a) Briefly describe the key approaches to integrated impact assessment. (06)
- b) Describe the procedure the conduct a biodiversity impact assessment for a highway project passing through an ecologically sensitive area. (06)
- Q.6** Write short notes on **ANY THREE** of the following: (12)
- a) EIA in policy and regulatory frameworks
 - b) Importance of baseline studies in an EIA
 - c) Networks as a method.
 - d) Matrices as a method.

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