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Paper Id:

197615

Sub Code: NEV 015

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**B. TECH.
(SEM-VI) THEORY EXAMINATION 2017-18
INTEGRATED IMPACT ASSESSMENT**

Time: 3 Hours

Total Marks: 100

Note: Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt *all* questions in brief. 2 x 10 = 20

- a. What do you mean SIA?
- b. What are the inputs of EIA?
- c. What is the impact of BIA on EIA?
- d. Write a short note on health need assessment.
- e. Comment on “Cost Benefit Analysis”.
- f. What are the challenges in IIA?
- g. What is the role of Risk Assessment in case studies?
- h. Give two case study of SIA.
- i. How SIA differ from NRM?
- j. What do you mean by SEA?

SECTION B

2. Attempt any *three* of the following: 10 x 3 = 30

- a. Give the criteria for the selection of EIA methodology and also their advantages and disadvantages.
- b. Describe briefly the developing framework for HIA analysis and also their case studies.
- c. What do you know about SEA and risk assessment involved in SEA technique?
- d. What is the scope of integrated approach in economic analysis for IIA?
- e. Comment on “Public Participation in IIA “ and also its relevance to decision-making in IIA?

SECTION C

3. Attempt any *one* part of the following: 10 x 1 = 10

- (a) Define IIA with suitable example and the impact of environment on it.
- (b) Discuss components and techniques of Integrated Impact assessment.

4. Attempt any *one* part of the following: 10 x 1 = 10

- (a) Discuss biodiversity and their impacts on EIA and also discuss the case studies involve in EIA.
- (b) Describe developing framework for HIA analysis in Health Need Assessment, tools and techniques in HIA.

- 5. Attempt any *one* part of the following: 10 x 1 = 10**
- (a) What is the difference between resettlement & rehabilitation? Discuss in detail the rehabilitation process as per government norms.
 - (b) Differentiate between SRM and NRM and also define gender impact assessment.
- 6. Attempt any *one* part of the following: 10 x 1 = 10**
- (a) Discuss scope for integrated approach in economic analysis.
 - (b) What do you mean by project appraisal? Also distinguish between Cost-Benefit Analysis and Cost Effectiveness Analysis approach.
- 7. Attempt any *one* part of the following: 10 x 1 = 10**
- (a) What do you mean by risk assessment? What are the various strategies to outcome from risk? Discuss any one method for assessment of risk. disadvantages and importance in projects.
 - (b) How public participation is fruitful in IIA and its relevance to decision-making. Discuss all the procedure in detail.