

Code : 011849

B.Tech. 8th Semester Exam., 2017

Environmental Impact Assessment

Time : 3 hours

Full Marks : 70

Instructions :

- (i) The marks are indicated in the right-hand margin.
- (ii) There are *Nine* questions in this paper.
- (iii) Attempt *Five* questions in all.
- (iv) Questions No. 1 is compulsory.

1. Answer any from Q.1.

2×7=14

Fill in the blanks with correct answer.

- (a) The impact prediction is aexercise.
- (b) The purpose of mitigation is
- (c) The methodology used to predict impact depends upon
- (d) The full form of NEPA is
- (e) Two categories of environmental impact statement are and
- (f) The full form of EIS is
- (g) is the complete description of environment as it exists in area where proposed action is considered.

2. (a) Explain with neat flowchart the complete process of EIA?
(b) Define the terms-Environmental Inventory, Environmental Assessment and Environmental Impact statement.
3. (a) Discuss the importance of public participation in EIA?
(b) Write the basic contents of Impact statement.
4. (a) What are the EIA guiding principles ? Explain.
(b) Give some potential impacts of Dams on human beings?
5. (a) Explain which consideration are kept in mind during impact prediction ?
(b) Explain mitigation and impact management.
6. Explain the whole process of Environmental clearance with a neat flowchart.
7. (a) Discuss the importance of socio-economic Environmental in EIA.
(b) Give the classification of methodology for Environmental Impact Assessment.
8. (a) Write the rules for preparation of Terms of Reference (TOR)?
(b) Give the comparative study of methodologies which are widely used in EIA.
9. Explain the important baseline data collected for Land, Water, Biological and Socio-economic factors for the EIA.
