

B.Tech IV Year II Semester (R13) Regular Examinations April 2017

ENVIRONMENTAL IMPACT ASSESSMENT & MANAGEMENT

(Civil Engineering)

Time: 3 hours

Max. Marks: 70

PART – A

(Compulsory Question)

1 Answer the following: (10 X 02 = 20 Marks)

- Define environmental impact assessment.
- What is the need to assess environmental impacts?
- Write the applications of methodologies of EIA process.
- What activities are required in an environmental impact study?
- List down the steps necessary for the assessment of soil and ground water.
- What are the possible sources of ground water contamination?
- What are the benefits of undertaking an environmental audit?
- What is environmental auditing?
- Explain briefly about post audit activities.
- What is the need for environmental acts?

PART – B

(Answer all five units, 5 X 10 = 50 Marks)

UNIT – I

2 What are the basic principles of the environmental impact assessment process?

OR

3 What are the factors affecting environmental impact assessment?

UNIT – II

4 What are the criteria to be followed for the selection of environmental impact assessment methodology?

OR

5 Explain interaction matrix methodologies to identify environmental impacts.

UNIT – III

6 List down the important surface water contaminants and explain their importance in detail.

OR

7 Explain the conceptual approach for addressing surface water environmental impacts.

UNIT – IV

8 Explain in detail the various stages of environmental audit.

OR

9 What are the types of environmental audit and explain thoroughly?

UNIT – V

10 Explain about the environmental protection act in detail.

OR

11 Explain about the water protection thoroughly.
