

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)
- (a) Define environmental impact assessment.
 - (b) What is the need to assess environmental impacts?
 - (c) Write the applications of methodologies of EIA process.
 - (d) What activities are required in an environmental impact study?
 - (e) List down the steps necessary for the assessment of soil and ground water.
 - (f) What are the possible sources of ground water contamination?
 - (g) What are the benefits of undertaking an environmental audit?
 - (h) What is environmental auditing?
 - (i) Explain briefly about post audit activities.
 - (j) 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.
