

Code: 13A01802

B.Tech IV Year II Semester (R13) Advanced Supplementary Examinations July 2018

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) Write a short note on screening.
- (b) What is an environmental impact?
- (c) Write a note on cost / benefit analysis.
- (d) Write a note on environmental media quality index method.
- (e) What is impact prediction?
- (f) Give the sources of air pollution.
- (g) Enlist the causes of deforestation.
- (h) What is environmental auditing?
- (i) What is environmental pollution act?
- (j) Write a short note on post audit activities.

PART – B

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

UNIT – I

2 Describe the baseline environmental conditions must for any EIA study. Give your comments highlighting the need of it.

OR

3 EIA is an integral part of the planning and decision making process. Explain.

UNIT – II

4 Write short notes on project benefits and environmental cost benefit analysis.

OR

5 You are required to develop EIA report for proposed construction of dam across a river. As an assessor prepare a simple checklist of environmental parameters likely to be affected.

UNIT – III

6 Write a short note on standards for water quality and explain the methodology for assessment of impact on surface water environment.

OR

7 Discuss briefly the methodology for the assessment of soil and ground water.

UNIT – IV

- 8 (a) Write in detail the environmental impacts on deforestation.
- (b) What is the need to conduct environmental audits?

OR

9 Explain the significance of audit and describe methodology for an environmental audit.

UNIT – V

10 Write short notes on:

- (a) Wildlife act.
- (b) Water prevention act.

OR

11 Discuss the preparation of environmental impact assessment statement for chemical industries.
