

Code: R7420103

R07

B.Tech IV Year II Semester (R07) Supplementary Examinations January 2014
ENVIRONMENTAL IMPACT ASSESSMENT AND MANAGEMENT

(Civil Engineering)

Time: 3 hours

Max. Marks: 80

Answer any FIVE questions
All questions carry equal marks

- 1 (a) Explain the need of EIA for engineering projects. And also discuss the merits and demerits of EIA.
(b) How do you prepare environmental base map for a given area?
- 2 (a) Briefly explain EIA methodologies emphasizing their merits and demerits.
(b) What are various environmental indicators and indices? Explain the environmental indices for air quality description.
- 3 How do you identify various activities which will have potential environmental impacts on soil? Explain with examples.
- 4 Explain different approaches for prediction of impacts on surface water environment.
- 5 Describe the assessment of impacts of developmental activities on vegetation and wildlife.
- 6 (a) What are objectives of environmental audit?
(b) Write a note on "audit protocol".
- 7 Write salient features on:
(a) EP act 1986.
(b) Wildlife act.
- 8 Explain environmental impact of mining with a case study.
