

(Following Paper ID and Roll No. to be filled in your Answer Books)

PAPER ID : MD44

Roll No.

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**M. TECH. (Sem.II)**

**THEORY EXAMINATION 2015-16**

**ENVIRONMENTAL MONITORING AND ASSESSMENT**

Time : 3 Hours

Total Marks : 100

- NOTE :** (1) You may attempt any of the questions.  
(2) All questions of each part carry equal marks.  
(3) Answer should be precise and specific.

1. Answer any four of the following questions : (4×5=20)
- (a) Mention any five industries which are harmful for the environment.
  - (b) Why EIA is relevant in the modern era?
  - (c) Suggest some solid waste management techniques.
  - (d) How is the drinking water quality assessed? Briefly explain.
  - (e) How GPS is useful for river pollution studies?
  - (f) Define the concepts of food chain and food web.

2. Answer any three of the following questions : (3×10=30)
- (a) What are the better resolution satellite data available for environmental studies?
  - (b) How drinking water quality is affected by human activities in urban areas?
  - (c) Discuss with a case study on noise and air quality effects on human health.
  - (d) Discuss about Environmental clearances merits and demerits.
  - (e) Write a short note on the procedures and reporting norms of EIA.
3. Answer any two of the following questions : (2×15=30)
- (a) Write an essay on different concepts to be considered in environmental clearances for cement industry projects
  - (b) Write an essay on any industrial environmental disaster event that has occurred in India
  - (c) What are the conservation measures to be adopted for different types of water resources environment?

4. Answer any one of the following questions : (1×20=20)

- (a) Elaborate the various components and methods of EIA and its reporting norms by quoting examples.
- (b) Write an essay on the sustainable development of different natural resources.

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