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Total No. of Pages : 02

Total No. of Questions : 09

B.Tech (Civil Engineering) (Sem.-7)
ENVIRONMENTAL IMPACT ASSESSMENT
Subject Code : BTCE-814
Paper ID : [A2968]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A**Q1. Answer briefly :**

- a) Suggest the mitigation options for noise pollution.
- b) What is the importance of public participation in EIA?
- c) What are the impacts of construction activities on air environment?
- d) What is the Purpose of scoping in EIA?
- e) Explain two adverse impacts associated with Ports and Harbour projects.
- f) Distinguish the scope of "Rapid EIA" and "Cumulative EIA".
- g) What are the options to mitigate noise due to highways?
- h) What is the purpose of screening in EIA?
- i) How do EIA contribute to sustainable development?
- j) What are the benefits of Post Environmental Audit?

SECTION-B

- Q2. Briefly describe the legal provisions in India regarding EIA.
- Q3. What are the impacts of developmental activity on vegetation?
- Q4. Explain about simple quantitative approach to study the soil impacts.
- Q5. What are the significant environmental issues to be considered while planning to develop a wastewater treatment plant?
- Q6. Discuss the socio economic impacts of developmental projects and the mitigation measures.

SECTION-C

- Q7. Discuss in detail the overlay and matrix method of impact assessment with advantages and disadvantages.
- Q8. What are the significant environmental issues to be considered while planning to develop a new highway? What is the role of EIA in DPR?
- Q9. Discuss the environmental and social impacts of a paper industry.