



R20 Regulation

Subject code: 3P5AE

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous, Accredited by NAAC with 'A' Grade)

B.Tech V Semester Supplementary Examinations, June/July 2023

ENVIRONMENTAL IMPACT ASSESSMENT
(Civil Engineering)

Maximum Marks: 70

Date:06.07.2023 Duration: 3 hours

Part-A

All the following questions carry equal marks

(10x2M=20 Marks)

- 1 Mention the benefits of EIA.
- 2 Define direct impact and indirect impact.
- 3 What are point and nonpoint pollutants?
- 4 List various methods used in EIA studies.
- 5 What are the inclusions in an EIA report?
- 6 List the mitigation measures that can help in minimizing the effects of water pollution.
- 7 Mention the importance of resettlement plan.
- 8 What is rehabilitation?
- 9 Give any four environmental impact of dam project.
- 10 List any four impacts caused by thermal power plant project.

Part-B

Answer All the following questions.

(10MX 5=50Marks)

- 11 Discuss: (a) Need for EIA and types of EIA. (5) (b) Role of stakeholders in EIA. (5)
OR
- 12 Describe the flow diagram of EIA process and also add a note on parallel studies. (10)
- 13 Discuss various phases involved using six step conceptual model for the study of biological impacts of any developmental activity. (10)
OR
- 14 What are simple and descriptive checklist methods? Discuss in detail the important characteristics of these methods. (10)
- 15 Discuss typical mitigation measures that should be adopted for air pollution related issues. (10)
OR
- 16 Explain in general the environmental clearance process in India. (10)
- 17 What is public hearing processes in EIA? Discuss the salient features of public hearing process and the criteria for public participation. (10)
OR
- 18 Explain the essential features of a systematic approach for socio economic impacts of any major project activity. (10)
- 19 Prepare a case study report of an Environmental Impacts Assessment in any major road project work activity. (10)
OR
- 20 Describe the importance of Environmental Impact Assessment in a waste water treatment activity. (10)