

Code No: 158DF

**R18**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**B.Tech IV Year II Semester Examinations, September - 2022**

**ENVIRONMENTAL IMPACT ASSESSMENT**

**(Common to EEE, ME, ECE, CSE, IT, AE, MIE)**

**Time: 3 Hours**

**Max.Marks:75**

**Answer any five questions  
All questions carry equal marks**

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- 1.a) Define EIA. Explain various components of EIA.
- b) What is meant by screening and scoping? [7+8]
- 2.a) What is public hearing and its importance.
- b) Mention the projects that require Environmental clearance. [7+8]
- 3.a) Describe Matrix method and Network method of EIA along with its advantages and disadvantages.
- b) Write the criteria for selection of EIA methodology. [8+7]
4. What is meant by Impact identification and Impact measurement? [15]
5. Explain groundwater monitoring methodology. [15]
6. Write the noise mitigation measures. [15]
- 7.a) Write the salient features of The Water Act , 1974.
- b) Explain Hazardous waste management. [8+7]
8. Write the positive and negative impacts associated with the construction of dams. [15]

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