

**R18**

**Code No: 158DF**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**B. Tech IV Year II Semester Examinations, July/August - 2022**

**ENVIRONMENTAL IMPACT ASSESSMENT**

**(Common to ME, ECE, AE, MIE)**

**Time: 3 Hours**

**Max.Marks:75**

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

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1. What is the need for EIA? Explain EIA cycle and procedures. [15]
- 2.a) What are ecological sensitive places?  
b) Explain the list of projects which require environmental clearance. [7+8]
3. Explain the following:  
a) Environmental attributes  
b) EIA review. [8+7]
4. Write the criteria for selection of EIA methodologies and impact identification. [15]
5. Explain ambient air quality monitoring methodology. [15]
6. Write about the following:  
a) EMP preparation  
b) Mitigation plans. [7+8]
- 7.a) Write the salient features of The Environment (Protection) Act, 1986.  
b) Explain Solid Waste Management. [7+8]
8. Write the Environmental Impacts of Developmental projects. [15]

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