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**APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**  
Sixth Semester B.Tech Degree Examination June 2022 (2019 Scheme)



**Course Code: CET362**

**Course Name: ENVIRONMENTAL IMPACT ASSESSMENT**

Max. Marks: 100

Duration: 3 Hours

**PART A**

*Answer all questions, each carries 3 marks.*

		Marks
1	Explain the need and purpose of conducting EIA.	(3)
2	Write short notes on Environmental Legislations in India.	(3)
3	Discuss about Comprehensive EIA.	(3)
4	What are Terms of Reference in EIA report.	(3)
5	How to predict the impacts of a textile Industry on the water quality of a nearby river.	(3)
6	What is checklist method of Impact Assessment?	(3)
7	Discuss about Environmental management plan.	(3)
8	Explain the ISO 14001 Standards, its importance and salient features.	(3)
9	What are the impacts of an airport project on a particular area?	(3)
10	Discuss about the environmental monitoring programme on thermal powerplant project.	(3)

**PART B**

*Answer one full question from each module, each carries 14 marks.*

**Module I**

- 11 a) Give detailed explanation on the salient features of EIA notification 2006. (9)  
b) Explain in detail about Air (prevention and control of pollution) Act 1981. (5)

**OR**

- 12 a) Explain the evolution of EIA in Global scenario. (8)  
b) Describe the various environmental standards for water, air and noise. (6)

**Module II**

- 13 a) Explain the detailed procedure for Environmental clearance process in India. (9)  
b) Discuss about the Generic structure of EIA report. (5)

**OR**

- 14 a) Explain in detail different types of EIA. (8)  
b) Describe about Initial Environmental Examination. (6)

**Module III**

- 15 a) What is the relevance of socio-economic impact assessment in EIA studies? How can it be carried out? (9)  
b) How air quality modelling help in assessing the impacts on air. (5)

**OR**

- 16 a) Discuss in detail about EIA methodologies. (9)  
b) Explain the steps involved in assessment of impacts on noise environment. (5)

**Module IV**

- 17 a) Explain in detail the procedure for conducting an environmental audit. (8)  
b) What are the different types of Environmental audit and mention any two benefits also? (6)

**OR**

- 18 a) Describe Environmental Management plan (EMP) in EIA studies. (9)  
b) Discuss the role of environmental monitoring programme in EIA. (5)

**Module V**

- 19 Explain the environmental clearance procedure for a quarry mining project. (14)

**OR**

- 20 Need and explanation for conducting EIA for a highway project. (14)

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