

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)

B.Tech. IV Year I Semester Regular & Supplementary Examinations December-2024
ENVIRONMENTAL IMPACT ASSESSMENT & MANAGEMENT
(Civil Engineering)

Time: 3 Hours

Max. Marks: 60

(Answer all Five Units 5 x 12 = 60 Marks)

UNIT-I

- 1 a Explain the basic concept of EIA. CO1 L2 6M
b Explain the salient features of EIA. CO1 L2 6M

OR

- 2 Describe in detail about the classification and prediction of impacts. CO1 L2 12M

UNIT-II

- 3 Explain about Ad-hoc method of EIA analysis. CO2 L2 12M

OR

- 4 Discuss the importance of network methods in the assessment of impacts. CO2 L2 12M

UNIT-III

- 5 Make a note on important surface water contaminants and their impacts in a table format. CO4 L3 12M

OR

- 6 What are the mitigation measures taken to prevent soil erosion and ground water pollution during and after execution of any developmental project? CO3 L1 12M

UNIT-IV

- 7 Give and explain the main causes for depletion of natural vegetation or biodiversity in India. CO4 L2 12M

OR

- 8 Mention the noise zone classification in a table format. CO5 L1 12M

UNIT-V

- 9 a Mention the various physical resources in EI of industrial development and explain any two. CO6 L1 6M
b Write short notes on ecological resources in EI of industrial development. CO6 L1 6M

OR

- 10 Discuss about the Air pollution protection act and its functions. CO6 L2 12M

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