

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

B.Tech. IV Year I Semester Regular & Supplementary Examinations October/November-2025
ENVIRONMENTAL IMPACT ASSESSMENT & MANAGEMENT

(Civil Engineering)

Time: 3 Hours

Max. Marks: 60

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

UNIT-I

- 1 What are the various stages in preparation of an EIA Report? CO1 L1 12M

OR

- 2 With example, mention the types of impacts that occur in a Road Development Project. CO1 L2 12M

UNIT-II

- 3 Write in detail about the salient features of matrices methods. CO2 L2 12M

OR

- 4 Explain the cost/benefit analysis in EIA. CO2 L3 12M

UNIT-III

- 5 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

OR

- 6 Make a note on important surface water contaminants and their impacts in a table format. CO3 L3 12M

UNIT-IV

- 7 With flow chart, explain about systematic approach for evaluating biological impacts. CO4 L3 12M

OR

- 8 Discuss the important aspects of assessment of impacts of any developmental activities on vegetation and wild life. CO4 L2 12M

UNIT-V

- 9 With flow chart, write the seven main steps associated with noise environment impacts. CO5 L2 12M

OR

- 10 Discuss the important aspects of assessment of impacts of any developmental activities on vegetation and wild life. CO5 L3 12M

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