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

B.Tech IV Year I Semester Regular Examinations November/December-2022

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.                         | L1 | 6M |
|   | b | Write in detail about the impact evaluation and analysis. | L2 | 6M |

OR

- |   |   |  |    |    |
|---|---|--|----|----|
| 2 | a | What are the factors to be considered for taking decisions based on assessment of significance of an impact? | L1 | 6M |
|   | b | What is the need for EIA in India?   | L2 | 6M |

**UNIT-II**

- |   |   |  |    |    |
|---|---|--|----|----|
| 3 | a | Write short notes on matrix method.                  | L1 | 6M |
|   | b | Make a note on impact interpretation and evaluation. | L2 | 6M |

OR

- |   |  |  |    |     |
|---|--|--|----|-----|
| 4 |  | What is the importance of overlay method in environmental impact assessment? Explain it. | L1 | 12M |
|---|--|--|----|-----|

**UNIT-III**

- |   |   |  |    |    |
|---|---|--|----|----|
| 5 | a | Draw a flow chart on systematic approach for the study of impacts on soil and groundwater. | L3 | 6M |
|   | b | Write short notes on delineation of study area.  | L2 | 6M |

OR

- |   |   |  |    |    |
|---|---|--|----|----|
| 6 | a | With flow chart, mention the area and point sources of air pollution | L3 | 6M |
|   | b | List the WHO and CPCB standards on air quality.                      | L1 | 6M |

**UNIT-IV**

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

OR

- |   |  |  |    |     |
|---|--|--|----|-----|
| 8 |  | With flow chart, write the seven main steps associated with noise environment impacts. | L3 | 12M |
|---|--|--|----|-----|

**UNIT-V**

- |   |  |  |    |     |
|---|--|--|----|-----|
| 9 |  | Discuss about the Water pollution prevention & protection act and its functions. | L2 | 12M |
|---|--|--|----|-----|

OR

- |    |   |   |    |    |
|----|---|---|----|----|
| 10 | a | Prepare the environmental impact of land clearing project in upland forest giving priority to physical resources. | L3 | 6M |
|    | b | Write short notes on water act.   | L1 | 6M |

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UNIVERSITY OF KERALA

EXAMINATIONS

BA (HONS) POLITICAL SCIENCE & INTERNATIONAL RELATIONS

PSYCHOLOGICAL IMPACT ASSESSMENT & MANAGEMENT

(Final Examination)

Time: 3 hours

Answer all five (5) questions in 3 hours

UNIT I

- 1. a) Explain the basic concept of EI.
- b) Write a note about the impact evaluation and criteria.

- 2. a) Write an essay on the concept of 'ethical decision making' based on the concept of 'virtue ethics'.
- b) What is the role of 'ethics'?

UNIT II

- 3. a) Write a note on 'ethical decision making'.
- b) Write a note on 'ethical decision making'.

- 4. a) Write a note on 'ethical decision making'.
- b) Write a note on 'ethical decision making'.

UNIT III

- 5. a) Write a note on 'ethical decision making'.
- b) Write a note on 'ethical decision making'.

- 6. a) Write a note on 'ethical decision making'.
- b) Write a note on 'ethical decision making'.

UNIT IV

- 7. a) Write a note on 'ethical decision making'.
- b) Write a note on 'ethical decision making'.

- 8. a) Write a note on 'ethical decision making'.
- b) Write a note on 'ethical decision making'.

UNIT V

- 9. a) Write a note on 'ethical decision making'.
- b) Write a note on 'ethical decision making'.

- 10. a) Explain the relationship between 'ethical decision making' and 'ethical behavior'.
- b) Write a note on 'ethical decision making'.

UNIT VI

- 11. a) Write a note on 'ethical decision making'.
- b) Write a note on 'ethical decision making'.