

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(END SEMESTER EXAMINATION)**

**CLASS: M.Sc.
BRANCH: ENVIRONMENTAL SCIENCE AND MANAGEMENT**

**SEMESTER : IIIrd
SESSION : MO/2025**

SUBJECT: ES514 ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL GOVERNANCE

TIME: 3 Hours

FULL MARKS: 50

INSTRUCTIONS:

1. The question paper contains 5 questions each of 10 marks and total 50 marks.
 2. Attempt all questions.
 3. The missing data, if any, may be assumed suitably.
 4. Before attempting the question paper, be sure that you have got the correct question paper.
 5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
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| Q.1(a) | Critically evaluate the sustainable development initiatives in the global forum. | [5] | 1 4 |
| Q.1(b) | Justify the importance of Paris agreement and Glasgow agreement. | [5] | 1 3 |
| Q.2(a) | According to Environmental Protection Act, 1985 discuss the power of central government and role of government analyst for environmental protection. | [5] | 2 2 |
| Q.2(b) | Discuss the important sections of Wildlife Protection Act for protecting wildlife. | [5] | 2 3 |
| Q.3(a) | According to EIA notification make a flow diagram of the process for getting environmental clearance and explain each step. | [5] | 3 3 |
| Q.3(b) | Differentiate between Leopold matrix and network methods of EIA. | [5] | 3 4 |
| Q.4(a) | Discuss the steps of environmental management plan preparation. | [5] | 4 2 |
| Q.4(b) | Give example of a case study of any industry preparing environmental management plan. | [5] | 4 3 |
| Q.5(a) | Classify the types of life cycle assessment and discuss the steps. | [5] | 5 3 |
| Q.5(b) | Discuss the major outcomes of environmental social governance. | [5] | 5 3 |

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