

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

**CLASS: MSc/Pre-PhD
BRANCH: ENVIRONMENTAL SCIENCE AND TECHNOLOGY**

**SEMESTER : Ist
SESSION : MO/2025**

SUBJECT: MET25504 ENVIRONMENTAL IMPACT ASSESSMENT, LAWS & ISO STANDARDS

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)	Classify the types of Environmental Impact Assessment.	[5] 1	3
Q.1(b)	Discuss the process of Life Cycle Assessment.	[5] 1	2
Q.2(a)	Differentiate between overlay and network methods siting suitable examples.	[5] 2	3
Q.2(b)	Enlist and discuss the steps for preparation of Environmental Management Plan.	[5] 2	2
Q.3(a)	Draw a flowchart depicting environmental clearance process of India and discuss the steps briefly.	[5] 1	4
Q.3(b)	Discuss the roles of EAC and SEAC in environmental clearance process.	[5] 2	2
Q.4(a)	Enumerate the criteria of reserve forest and village forest according to the Forest Act, 1927.	[5] 3	3
Q.4(b)	Critically evaluate the role of COPs in combating climate change and discuss the important COPs and their outcomes.	[5] 3	4
Q.5(a)	Give an overview of ISO14001 and its implication for environmental auditing.	[5] 4	3
Q.5(b)	Discuss the importance of environmental product declaration and ecolabels.	[5] 4	3

:24/11/2025:::E