

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

**CLASS: BBA / IMBA
BRANCH: MANAGEMENT**

**SEMESTER : III
SESSION : MO/2025**

SUBJECT: MN202 ENVIRONMENT SCIENCE

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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		CO	BL
Q.1(a)	Explain the multidisciplinary nature of environmental science and discuss its significance in ecosystem management.	[5] 1	2
Q.1(b)	Distinguish between the types of ecological pyramids with suitable examples.	[5] 1	4
Q.2(a)	What are the major consequences of deforestation on the environment and biodiversity?	[5] 2	1
Q.2(b)	Explain the causes of population explosion and discuss its impact on human health and the environment.	[5] 2	1
Q.3(a)	Explain the structure of the Earth's atmosphere, highlighting the characteristics of each layer.	[5] 3	2
Q.3(b)	What are the different methods used to monitor air pollution? Explain each briefly	[5] 3	2
Q.4(a)	What do you understand by water resources? Describe the major sources of water pollution.	[5] 4	2
Q.4(b)	Explain the various steps involved in wastewater treatment, describing the processes at each stage.	[5] 4	2
Q.5(a)	What is the lithosphere? Describe its structural (layer-wise) classification and explain the composition of each layer.	[5] 5	2
Q.5(b)	Discuss the sequential steps involved in the management of Municipal Solid Waste (MSW), highlighting the function of each stage.	[5] 5	2

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