

BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION)

CLASS: B.Arch
BRANCH: Architecture

SEMESTER : III
SESSION : MO/2025

SUBJECT: CE101 ENVIRONMENTAL SCIENCE

TIME: 02 Hours

FULL MARKS: 25

INSTRUCTIONS:

1. The question paper contains 5 questions each of 5 marks and total 25 marks.
 2. Attempt all questions.
 3. The missing data, if any, may be assumed suitably.
 4. Tables/Data handbook/Graph paper etc., if applicable, will be supplied to the candidates
-

		CO	BL
Q.1(a)	Draw the level of organization with suitable labels.	[2] 1	1
Q.1(b)	Classify the types of ecosystems with examples.	[3] 1	2
Q.2(a)	Schematically represent the structure of ecosystem.	[2] 1	2
Q.2(b)	Discuss supporting and cultural services of ecosystem with examples.	[3] 1	1
Q.3(a)	Justify that food webs are better representation of trophic level relationships than food chains.	[2] 1	2
Q.3(b)	Discuss the concept of levels and measure of biodiversity.	[3] 1	2
Q.4(a)	Classify the types of air pollutants with example.	[2] 2	1
Q.4(b)	Differentiate between primary and secondary air pollutants and enlist the sources of air pollution.	[3] 2	2
Q.5(a)	Discuss the health impacts of air pollution on human beings.	[2] 2	1
Q.5(b)	Explain the principle of scrubbers for removal of particulate matter.	[3] 2	2

:::::23/09/2025 :::::E