

BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION MO/2023)

CLASS: BCA
BRANCH: BCA

SEMESTER : I
SESSION : MO/2023

SUBJECT: CN109 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
Q.1(a)	Define an ecological pyramid and its various types.	[2]	1
Q.1(b)	Explain the structure and function of an ecosystem.	[3]	1
Q.2(a)	Write short notes on grassland ecosystem.	[2]	4
Q.2(b)	Explain the flow of energy and nutrient in an ecosystem.	[3]	1
Q.3(a)	Define food chain and food web.	[2]	1
Q.3(b)	Define the term and source of air pollution.	[3]	1
Q.4(a)	Discuss the effect of air pollution on human.	[2]	3
Q.4(b)	Write short notes on electrostatic precipitator (ESP).	[3]	4
Q.5(a)	Briefly discuss the source of water pollution.	[2]	3
Q.5(b)	Name and discuss the effect and control of water pollution.	[3]	1

.....22/09/2023 M:.....