

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

CLASS: BTECH
BRANCH: ALL

SEMESTER: VII
SESSION: MO/2022

SUBJECT: CE430 ENVIRONMENTAL MANAGEMENT

TIME: 2 HOURS

FULL MARKS: 25

INSTRUCTIONS:

1. The total marks of the questions are 25.
 2. Candidates attempt for all 25 marks.
 3. Before attempting the question paper, be sure that you have got the correct question paper.
 4. The missing data, if any, may be assumed suitably.
 5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
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		CO	BL
Q1 (a)	State the different types biotic components of ecosystem.	[2] 1	1
Q1 (b)	Explain diagrammatically the structure of Atmosphere.	[3] 1	2
Q2 (a)	State the energy budget and Balance using a suitable diagram.	[2] 1	1
Q2 (b)	Correlate the significance of biogeochemical cycles in ecosystem.	[3] 1	4
Q3 (a)	Describe the components of Rain water harvesting.	[2] 4	2
Q3 (b)	Explain the concepts of watershed management.	[3] 4	2
Q4 (a)	What are the causes of soil erosion.	[2] 4	1
Q4 (b)	Evaluate the role of Aquaculture in sustainability.	[3] 4	5
Q5 (a)	What are the sources of air pollution.	[2] 2	1
Q5 (b)	Discuss the causes and phenomenon of green house effect.	[3] 2	2

:::::: 30/09/2022 :::::M