

GYANMANJARI INNOVATIVE UNIVERSITY

GYANMANJARI INSTITUTE OF TECHNOLOGY

B.Tech.-Mid Semester Examination (MSE)- S2026

Enrollment No.: _____

Subject Code: BETXX10206

Date: 25/03/26

Subject Name: SUSTAINABLE DEVELOPMENT

Semester: 2

Time: 10.30-12.30pm

Total Marks: 60

Instructions:

1. Question No. 1 is compulsory.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

	Marks
Q.1 (a) Explain THE AIR (PREVENTION AND CONTROL OF POLLUTION) ACT, 1981	05
(b) Explain the key provision of the WATER(PREVENTION AND CONTROL OF POLLUTION), 1974	05
(c) Explain THE WILD LIFE PROTECTION ACT, 1972	10
Q.2 (a) Write the four dimensions of Sustainable development.	05
(b) Write down Forest Conservation Act, 1980	05
OR	
(b) Write the five elements of nature.	05
(c) Explain the BIOLOGICAL DIVERSITY ACT, 2002	10
OR	
(c) Explain LIFE CYCLE ANALYSIS (LCA).	10
Q.3 (a) Write down the goals of Green building.	05
(b) Write advantages and disadvantages of Green building.	05
(c) Explain Cradle to Cradle concept.	10
OR	
Q.3 (a) Write short note on LEED.	05
(b) Write full form of 5R.	05
(c) Explain in detail 5R.	10