

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VI (NEW) EXAMINATION – SUMMER 2024

Subject Code:3162213

Date:20-05-2024

Subject Name:Environment Management

Time:10:30 AM TO 01:00 PM

Total Marks:70

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed.

	MARKS
Q.1 (a) Define Ecology.	03
(b) What are associated activities of mining?	04
(c) What are controlling measures for air pollution?	07
Q.2 (a) Define environment.	03
(b) Write factors of air pollution.	04
(c) How water pollution can be controlled in mining activities?	07
(c) What are factors of noise pollution?	07
Q.3 (a) Define sustainable development.	03
(b) Write dust control measures.	04
(c) Write note on carrying capacity of environment.	07
Q.3 (a) Define land degradation.	03
(b) How noise pollution is monitored?	04
(c) What are the measures to reduce noise pollution?	07
Q.4 (a) Define water pollution.	03
(b) What are measures for vibration control?	04
(c) How damping of air pollutants can be done.	07
Q.4 (a) What is land acquisition?	03
(b) How physical reclamation of land is carries in mining?	04
(c) Describe the problem of acid mine drainage.	07
Q.5 (a) Define AMD.	03
(b) How self purification mechanism for water is established?	04
(c) Describe the sources of water pollution in mining.	07
Q.5 (a) Define BOD and COD.	03
(b) What are the rules relates to environment in mining?	04
(c) Describe the land acquisition regulation for mining.	07
