

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VII • EXAMINATION – SUMMER • 2014****Subject Code: 172203****Date: 05-06-2014****Subject Name: Environmental Management In Mining****Time: 02:30 pm - 05:00 pm****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) Enviromental impacts of mining project on it's various stages. **07**
(b) Site selection for waste rock disposal. **07**
- Q.2** (a) Techniques of restoration. **07**
(b) Active treatment of acid mine drainage. **07**
- OR**
- (b) Passive treatment of acid mine drainage. **07**
- Q.3** (a) Planning,goal and objectives of restoration **07**
(b) Describe post mining land use. **07**
- OR**
- Q.3** (a) Describe ecological restoration. **07**
(b) Explain inventory of premining land use. **07**
- Q.4** (a) Explain causes of mine closure. **07**
(b) Describe risk and socio-economic reponse of mine closure. **07**
- OR**
- Q.4** (a) Describe mine closure objectives. **07**
(b) Describe closure of mine entry. **07**
- Q.5** (a) Explain enviromental management plan. **07**
(b) Describe Enviromental impact assesment. **07**
- OR**
- Q.5** (a) Discus Basic features of enviroment protection act 1986. **07**
(b) Explain enviromental monitoring and management. **07**
