

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VI • EXAMINATION – WINTER • 2014

Subject Code: 172202

Date: 02-12-2014

Subject Name: Mine Legislation

Time: 10:30 am - 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.

- Q.1 (a) Explain the basic features of National Mineral Policy 2008. 07
(b) Describe qualification, duties and responsibility of (i) 07
Safety Officer and (ii) Mines Manager as per MMR-1957.

- Q.2 (a) What are the general requirements for the mine plans and 07
sections as per MMR-1961?
(b) What is maximum period and area for which a 07
reconnaissance, prospecting and mining lease is granted as
per MMRDAAct1957?

OR

- (b) Explain the salient features of Pit Head Bath Rules. 07

- Q.3 (a) What are the penalty provisions in MMDR act 1957? 07
Explain with Section.
(b) Define the following terms 07
(1) Reportable injury (2) Serious bodily injury (3) Minor
injury

OR

- Q.3 (a) Explain the procedure of grant of mining lease as per 07
provisions of Mineral Concession Rule-1960 & MMRD
Act, 1957.
(b) Define the following terms: 07
(1) Mines (2) Misfire (3) Flame Proof Apparatus.

- Q.4 (a) What are the provision for lighting & shoot firing as per 07
CMR-1957.
(b) Define the following terms 07
(1) Gassy seam (2) Auxiliary Fan & (3) Permitted
Explosives.

OR

- Q.4 (a) When Mines Act 1952 not apply in certain cases? Describe 07
it.
(b) Explain the provisions for use of various electric cables as 07
per the Indian Electricity Act & Rules.

- Q.5 (a) Explain Accidents, Enquiries, and Reports in the context of 07
explosives rules, 2008.
(b) State the establishment, location & functions of Rescue 07
station and Rescue Rooms.

OR

- Q.5** (a) Explain the provisions for the training of special categories of employees as per Mine Vocational Training Rules, 1966. **07**
- (b) Describe the provisions for the first aid room & first aid station as per Mines rules 1955. **07**
