

GUJARAT TECHNOLOGICAL UNIVERSITY
BE SEM-VII Examination-Nov/Dec.-2011

Subject code: 172202**Date: 22/11/2011****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 basic features of nation mineral policy 2008. **07**
(b) What are Penalty provisions in MMRD act 1957? Explain with sections. **07**

- Q.2** (a) Define : (1) Reportable injury (2) Serious bodily injury **07**
(b) When Mines Act 1952 not apply in certain cases ? Describe it. **07**

OR

- (b) What is provision for appointment, functions & powers of committees as per Mines Act 1952? **07**

- Q.3** (a) Explain Workmen's Inspector and safety committee : function , duties and appointment ; as per Mines Rules 1955. **07**
(b) Describe provisions for ; first aid rooms & First aid station ; as per Mines Rules 1955. **07**

OR

- Q.3** (a) Explain provisions for training of special categories of employees as per Mine Vocational Training rules, 1966 **07**
(b) Explain establishment and location & functions of (1) Rescue station , (2) Rescue rooms. **07**

- Q.4** (a) Qualification , duties and responsibility of (1) manager & (2) Ventilation officer ; as per CMR-1957 **07**
(b) What are the provisions for man winding as per CMR-1957. **07**

OR

- Q.4** (a) General requirements about mine plans and sections & types of plans & sections : as per MMR-1961 **07**
(b) What are provisions for : (1) open cast working & under ground workings : as per MMR-1961 **07**

- Q.5** (a) Maximum periods and area for which a reconnaissance ,Prospecting & mining lease are granted ; as per MMRD act 1957 **07**
(b) What are various provisions of mining Plan as per MCDR -1988. **07**

OR

- Q.5** (a) Explain provisions for use of various electric cables as per Indian electricity act & rules. **07**
(b) Explain salient features of explosive rules . **07**