

GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER-VII • EXAMINATION – WINTER 2013

Subject Code: 172202**Date: 05-12-2013****Subject Name: Mine Legislation****Time: 10:30 TO 01:00****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 workmen's inspector and safety committee function, duties and appointment as per Mines Rules 1955. **07**
 (b) Define maximum periods and area for which a reconnaissance ,prospecting & mining lease are granted as per MMRD act 1957 **07**
- Q.2** (a) Explain basic features of nation mineral policy 2008. **07**
 (b) Explain the provision of prospecting operations as per MMDR Act-1957. **07**
OR
 (b) Define: (1) Reportable injury (2) Serious bodily injury (3) minor injury. **07**
- Q.3** (a) Explain establishment and location & functions of (1) Rescue station, (2) Rescue rooms. **07**
 (b) Qualification, duties and responsibility of (1) manager & (2) Ventilation officer ; as per MMR-1957 **07**
OR
- Q.3** (a) What are Penalty provisions in MMRD act 1957? Explain with Sections. **07**
 (b) When Mines Act 1952 not apply in certain cases? Describe it. **07**
- Q.4** (a) Define (1) Misfire (2) Permitted Explosive (3) Auxillary fans. **07**
 (b) What are various provisions of mining Plan as per MCDR -1988? **07**
OR
- Q.4** (a) General requirements about mine plans and sections: as per MMR-1961. **07**
Q.4 (b) Describe provisions for first aid rooms & First aid station as per Mines Rules 1955. **07**
- Q.5** (a) What are provisions for : (1) open cast working & under ground workings as per MMR-1961. **07**
 (b) Explain provisions for use of various electric cables as per Indian electricity act & rules. **07**
OR
- Q.5** (a) Explain provisions for training of special categories of employees as per Mine Vocational Training rules, 1966. **07**
 (b) Explain salient features of explosive rules. **07**
