

GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER- VII• EXAMINATION – SUMMER 2015

Subject Code: 172202**Date: 08/05/2015****Subject Name: Mine Legislation****Time: 02.30pm-05.00pm****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) Define following terms as per Mining Legislation. **07**
(1) Reportable injury (2) Banksman (3) Competent person (4) Gassy seam of the first degree (5) general body of air (6) Misfire (7) Undermanager
- (b) Explain the basic features of National Mineral Policy 2008. **07**
- Q.2** (a) Define maximum periods and area for which a reconnaissance, prospecting & mining lease are granted as per MMRD act 1957. **07**
- (b) Describe the qualification, duties and responsibility of (1) Undermanager (2) Mines Manager as per CMR 1957. **07**
- OR**
- (b) What are requirements of mining Plan as per MCDR -1988? **07**
- Q.3** (a) Describe provisions for first aid rooms & First aid station as per Mines Rules 1955. **07**
- (b) What are the penalty provisions in MMDR act? **07**
- OR**
- Q.3** (a) Explain provisions for use of various electric cables as per Indian electricity Act & rules. **07**
- (b) Explain salient features of explosive rules. **07**
- Q.4** (a) Explain the Procedure of mining lease grant with respect to Mineral concession rule -1960 & MMRD act 1957. **07**
- (b) What are general statutory provisions with respect to Mines rescue rules? **07**
- OR**
- Q.4** (a) State the establishment, location & function of Rescue station and Rescue Rooms. **07**
- (b) Explain the provision for training of special categories of employees as per Mine Vocational Training Rules, 1966. **07**
- Q.5** (a) Write a note and explain salient features of Pit Head bath rules. **07**
- (b) General requirements about mine plans and sections: as per CMR 1957. **07**
- OR**
- Q.5** (a) Write a note on “Hours and Limitation of Employment” as per Mines Act 1952 **07**
- (b) Write a note on regulations regarding “Haul Road Designing in Opencast Mines” as per DGMS Circular and CMR. **07**
