

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VII (OLD) - EXAMINATION – SUMMER 2017

Subject Code: 172202

Date: 02/05/2017

Subject Name: Mine Legislation

Time: 02:30 PM to 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) Explain National Mineral Policy and also add note on recent changes in National Mineral Policy. **07**
(b) Describe duties and responsibilities of Workmen's Inspector. **07**
- Q.2** (a) Describe Prospecting and Reconnaissance in detail. **07**
(b) Define Reportable Injury, Minor Injury and Serious Bodily Injury. **07**
OR
(b) Explain duties and responsibility of Manager and Ventilation Officer MMR-1957. **07**
- Q.3** (a) Explain salient features of Pit Head Bath Rules. **07**
(b) Define following terms : (1) Permitted Explosive (2) Misfire (3) Auxiliary Fan **07**
OR
- Q.3** (a) Explain salient features of Explosive Rules. **07**
(b) Define following terms : (1) Face (2) Ventilating District (3) General Body of Air **07**
- Q.4** (a) Explain various provisions for use of electric cables as per Indian Electricity Act. **07**
(b) Write note on First Aid Room and First Aid Station. **07**
OR
- Q.4** (a) Explain Mine Rescue Rules in detail. **07**
(b) Describe purpose of Safety Committee with duties and responsibilities of Safety Officer. **07**
- Q.5** (a) Explain: Why Mine Vocational Training is required for Mining Engineering Students? **07**
(b) Describe in brief: Purpose of Rescue Room and Rescue Station. **07**
OR
- Q.5** (a) Explain Penalty, Taxes and Royalty in brief. **07**
(b) Explain quantity and storage of drinking water as per mine rule 1955. **07**
