GUJARAT TECHNOLOGICAL UNIVERSITY BE - SEMESTER-VII(OLD) • EXAMINATION – WINTER 2016

Subject Code: 172202Date: 21/11/201Subject Name: Mine LegislationTotal Marks: 70Time: 10:30 AM to 01:00 PMTotal Marks: 70			
Ins	tructio 1. 2. 3.	Attempt all questions. Make suitable assumptions wherever necessary.	
Q.1	(a) (b)	Describe about national mineral policy (latest). What is safety committee? Explain function of safety committee.	07 07
Q.2	(a) (b)	Describe about (1) monthly return (2) annual return and (3) types of injuries. Describe open cast working as per CMR 1957. OR	07 07
	(b)	Explain duties of safety officer.	07
Q.3	(a) (b)	Describe provisions for First Aid room and First Aid Station. Define the following terms: (1) Misfire (2) Auxiliary Fan (3) Booster Fan (4) Centrifugal Fan.	07 07
		OR	
Q.3	(a) (b)	Give qualification and appointment of ventilation officer. Explain quantity and storage of drinking water as per mine rule 1955.	07 07
Q.4	(a) (b)	Give general requirement about mine plan and it types. Describe mine vocational trainee rules. OR	07 07
Q.4	(a) (b)	Give the penalties provision as per mine rule 1955. Explain salient features of explosive rules.	07 07
Q.5	(a) (b)	What are the provisions for lighting & shoot firing as per CMR -1957. Explain about workmen inspector and it duties. OR	07 07
Q.5	(a) (b)	Describe various functions of Rescue Station and Rescue Room. Explain provisions for use of various electric cables as per Indian electricity act & rules.	07 07
