Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VIII • EXAMINATION - WINTER • 2014

	•	ject Code: 182203 Date: 02-12-2014	
	Tim	ject Name: Mining & processing of Dimensional stone e: 02:30 pm - 05:00 pm Total Marks: 70 uctions: 1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks.	
Q.1	(a) (b)	Physio-mechanical properties of dimentional stone. Resources of limestone deposits in india and gujrat.	07 07
Q.2	(a) (b)	Listout kinds of machinary used for mining of dimentional stone. Resources of marble deposits in india and gujrat. OR	07 07
	(b)	Resources of granite deposits in india.	07
Q.3	(a) (b)	Explain Conventional mining of sandstone. Describe Wire saw with diagram.	07 07
		OR	
Q.3	(a) (b)	Describe chain saw with diagram. Blasting in dimentional stone mines.	07 07
Q.4	(a) (b)	Explain flame jet burner. Describe derrick crane with diagram.	07 07
Q.4	(a)	OR Explain water channeling.	07
Ų. 4	(a) (b)	Describe gang saw with diagram.	07
Q.5	(a) (b)	Types of policing machines used for dimentional stone. Environmental impacts of mining and processing of dimentional stone. OR	07 07
Q.5	(a)	Types of abrasives.	07
	(b)	Secondary use of quarried land and waste of industry.	07
