Seat No.:	Enrolment No.
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GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER - VIII.EXAMINATION - WINTER 2016

	U	ect Code: 182203 Date: 21/10/2016	
,	-	Attempt all questions.	
	2. 3.	r	
Q.1	(a) (b)	Write a short note on Marble deposit in Gujarat and India Explain various criteria for selection of dimensional stone deposit.	07 07
Q.2	(a) (b)	Write a merit and demerit of uses of wire saw cutting methods. Explain blasting techniques in dimensional stone mining.	07 07
	(b)	OR Explain various types of polishing machine.	07
Q.3	(a) (b)	Explain the uses and marketing/export of dimensional stone. Explain allotment procedure for quarry License/grant of mining lease other legal aspect for granite mineral.	07 07
Q.3	(a) (b)	OR Describe environmental impact of mining and processing of dimensional stones. Write a short note on: Automatic tilling plant.	07 07
Q.4	(a) (b)	Describe working of derrick crane machine with its sketch. Explain various types of Abrasive properties of dimensional stone. OR	07 07
Q.4	(a) (b)	Physio-mechnical properties of dimensional stone. Explain neat sketch with wire saw.	07 07
Q.5	(a) (b)	Write a short note on chain saw. Explain water channeling.	07 07
Q.5	(a) (b)	OR Explain flam jet burner. Explain physical and mechanical properties of limestone and marble.	07 07
