Seat No.: Enrolment No

GUJARAT TECHNOLOGICAL UNIVERSITY

BE -SEMESTER 1&2(NEW SYLLABUS) EXAMINATION- WINTER 2018

U						e: 10-01-2019				
Tim	•	Name: BASIC ():30 am to 01: ss: Attempt all ques	00 pm	EERING	Total Marks:	: 70				
	2.	Make suitable as Figures to the ri	ssumptions whe	-						
Q.1	(a) (b)	Discuss Branc				Marks 03 04				
	(c)									
	(C)	Limst different	ttypes of found	dution and explain open footing	>	07				
Q.2	(a)	Explain Applic				03 04				
	 (b) Explain features of smart cities (c) The following sequential readings were taken on a sloping ground. The reading was taken on a BM of 50.000 m. Find out RL of each point and arithmetical check 0.450,0.560, 0.785,1.200,2.500,3.480,0.320,0.655,0.985,1.300 									
		OR								
	(c)	_	_	e taken on a closed traverse nem if necessary BB 235°00' 293°30' 10°00' 99°00'	ABCD find out	07				
Q.3	(a)	Enlist Instrume		7 7 7 7		03				
	(b) (c)	Draw sketch o	f Dumpy level tion of solid wa	and show all parts aste and describe why its segres	gation in wet and	04 07				
0.0		ъ	1	OR		0.2				
Q.3	(a) (b) (c)	Describe primary division of surveying Draw traffic signals for (i) speed limit (ii) No parking Which are the water quality standards. Give values of water quality standard for PH and Total dissolved solids as per IS 10500:2012								
Q.4	(a)									
	(b) (c)			veyors and prismatic compass ck and Describe English bond in	n detail	04 07				
				OR						
Q.4	(a) (b) (c)	Draw sketch of RCC beam								
0.5	(a)	As a Civil Eng	ineer discuss v	your role in society		03				

	(b)	Explain physical and chemical properties of cement	04				
	(c)	Describes characteristics of contour in brief					
		OR					
Q.5	(a)	Give application of Remote sensing					
	(b)	Give Dimension of Modular Brick and discuss characteristics of first class	04				
		brick					
	(c)	Explain concept and functions of smart cities.	07				
