Seat No.: _____ Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY

DIPLOMA ENGINEERING (NEW)– SEMESTER – VI/VIII• EXAMINATION – WINTER-2020

Subject Code: **Date: - - 2020**

Subject Name:

Time: 02 Hours **Total Marks: 56**

Instructions:

1. **Attempt any FOUR Questions from Q.1 to Q.5.**
2. **Make Suitable assumptions wherever necessary.**
3. **Figures to the right indicate full marks.**
4. **Use of programmable & Communication aids are strictly prohibited.**
5. **Use of only simple calculator is permitted in Mathematics.**
6. **English version is authentic.**

Q.1		Answer any seven out of ten. દશમાંથી કોઇપણ સાતના જવાબ આપો.	**14**
	1.		
	૧.		
	2.		
	૨.		
	3.		
	૩.		
	4.		
	૪.		
	5.		
	૫.		
	6.		
	૬.		
	7.		
	૭.		
	8.		
	૮.		
	9.		
	૯.		
	10.		
	૧૦.		
Q.2	(a)		**03**
પ્રશ્ન. ૨	(અ)		૦૩
		OR	
	(a)		**03**
	(અ)		૦૩
	(b)		**03**
	(બ)		૦૩

		OR	
	(b)		**03**
	(બ)		૦૩
	(c)		**04**
	(ક)		૦૪
		OR	
	(c)		**04**
	(ક)		૦૪
	(d)		**04**
	(ડ)		૦૪
		OR	
	(d)		**04**
	(ડ)		૦૪
Q.3	(a)		**03**
પ્રશ્ન. 3	(અ)		૦૩
		OR	
	(a)		**03**
	(અ)		૦૩
	(b)		**03**
	(બ)		૦૩
		OR	
	(b)		**03**
	(બ)		૦૩
	(c)		**04**
	(ક)		૦૪
		OR	
	(c)		**04**
	(ક)		૦૪
	(d)		**04**
	(ડ)		૦૪
		OR	
	(d)		**04**
	(ડ)		૦૪
Q.4	(a)		**03**
પ્રશ્ન. ૪	(અ)		૦૩
		OR	
	(a)		**03**
	(અ)		૦૩
	(b)		**04**
	(બ)		૦૪
		OR	
	(b)		**04**

	(બ)		૦૪
	(c)		**07**
	(ક)		૦૭
Q.5	(a)		**04**
પ્રશ્ન. ૫	(અ)		૦૪
	(b)		**04**
	(બ)		૦૪
	(c)		**03**
	(ક)		૦૩
	(d)		**03**
	(ડ)		૦૩

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