Seat No.:	Enrolment No.
Seat No	Linonnent no.

## **GUJARAT TECHNOLOGICAL UNIVERSITY**

Subject Code: 2527102

**Instructions:** 

Time: 02.30 pm - 05.30 pm

**Subject Name : Business Statistics** 

MBA (Integrated) – SEMESTER – 2 • EXAMINATION – WINTER - 2018

Date:26/12/2018

**Total Marks: 70** 

	(a) Explain different types of Graphs and Charts.													
	<b>(b)</b>	Find: Mean, Median, Mode, Standard Deviation, Variance, Coefficient of variation												
		Class	1-3	3-5	5-7	7-9	9	9-11	1	11-13	3			
		Frequency	4	12	13	19	)	7		5				
	(a)	Find : Range, Co Coefficient	of QD.			, Q2 , Ir	nter Qu	artile l	Range	,				
	<b>4</b>	18 20 22 27 2				22.1	. 10	4						
(	<b>(b)</b>	Calculate missin								• –	<del></del>			
		C.I. 0 – 10		0   20 - 30	30 – 40	40 – 50		- 60	60 - 7	/0	Total			
		Fre 4	16	-	- OD	-		6	4		230			
	<b>(b)</b>	Explain level of	Data Meas	urement	OR									
		•												
	(a)	Two Batsmen X			0	Whom w	ill you	select	for fu	ture '	?			
		X: 14 13 26 53 Y: 37 22 56 52			19									
	<b>(b)</b>	Explain Importa			atictics									
	(D)	Explain importai	it and min	tation of St	OR									
		Evnlain Kurtoeie	1 C1		OK									
	(a)													
	(a) (b)	-		ess in detail										
	(a) (b)	Find: $_{8}P_{3}$ , $_{8}C_{5,1}$	$_{1}C_{3}$											
	(b) (a)	Find: 8P3, 8C5, 1 Write a short not	<sub>1</sub> C <sub>3</sub> te on Spear	rmen Rank										
	<b>(b)</b>	Find: 8P3, 8C5, 1 Write a short not Determine the economic states and the states are states as a second state of the states are states as a second state o	<sub>1</sub> C <sub>3</sub> se on Spear quation of	rmen Rank ( the Regress	ion line.			1						
	(b) (a)	Find: 8P3, 8C5, 1 Write a short not Determine the ex	te on Spear quation of 29 29	rmen Rank (the Regress)	tion line. 42 46	50	54	64	66	76	78			
	(b) (a)	Find: 8P3, 8C5, 1 Write a short not Determine the economic states and the states are states as a second state of the states are states as a second state o	<sub>1</sub> C <sub>3</sub> se on Spear quation of	rmen Rank (the Regress)	ion line.    42	50 138	54 178	64 156	66 184	76 176	78 225			
	(b) (a) (b)	Find: $_8P_3$ , $_8C_5$ , $_1$ Write a short not Determine the ec $ \begin{array}{c c} X & 23 \\ Y & 69 \end{array} $	1C <sub>3</sub> te on Spear quation of 29 29 95 10	rmen Rank of the Regress 35 2 118	ion line.  42	-					-			
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