APPEARANCE OF MOBILE PHONE(S) / SMART DEVICE(S) SUBJECT TO CONSIDERED AS AN ACT OF CHEATING

College	Name:		
Studen	Name:	Seat No:	
Сору N	0:		
	KARACHI UNIV	/ERSITY BUSINESS SCHOOL ERSITY OF KARACHI	
	FINAL EXAMINATION ADVANCE BUSI	JUNE 2015; AFFILIATED COLL NESS STATISTICS; BA (M)–601	EGES
Revise	ed Date: June 30, 2015	MBA – III	Max Marks: 30 Max Time: 30 Min
<u>INSTR</u> 1. 2.	Attempt all questions. Do not w Mobile phones or any other examination room. Students wil entering the examination hall.	rite anything on the question pap communicating device will not II have to remove the batteries of	per. be allowed in the these devices before
Q1) i) ii) iii) iv) v)	Give reason why: Why we apply continuity correct In continuous probability distribu When variance increases the crit If a test is significant at 5% ther In case of Chi square goodness of	ion in normal approximation to binom utions probability is taken as areas un tical region also increases n it will also be significant at 10% of Observed frequencies and expected	ial distribution. der the curve. I frequencies are equal.
Q2)	 The diameter of bolts produced by 1.34 cm and standard deviation 0.04 more than 1.4 cm. a) A bolt is selected at random. Find b) If four bolts are selected at random 1.35 cm. c) What happened to the probability 	a particular machine follow a normal 4 cm. A bolt is rejected if its diameter d probability by using $P(Z < -2.5)=0.00$ om, Calculate the probability than mean ty of acceptance when sample size ind	distribution with mean is less than 1.2 cm and 62, the bolt is accepted. an diameter is less than creases
Q3)	From a large population of student height in meters are noted	s 120 males and 160 females are ch	osen at random. Their

	n	Σχ	Σx ²
Males	120	198	327
Females	160	248	385

- a) Find sample mean and variance.b) Assume normal distribution with equal pop8lation variances and test the hypothesis that mean height of the male students exceeds the mean height of the female students by less than 0.08 meters
- c) Comment on the case, if population variances are not equal.

END OF SUBJECTIVE PAPER