



**ALLAMA IQBAL OPEN UNIVERSITY**  
Semester Terminal Exam Autumn 2020

Program /level:	BBA/Graduation	Maximum Marks	100
Title /Course Code	<b>Statistical Inferences (8417)</b>	Pass marks	50

**Instructions for Exams:**

1. Attempt All Questions.
2. Write answers in your own words and avoid copying from an internet source or any book.
3. Be precise, avoid unnecessary details, answer to each question must be between 600-800 words.
4. Students are advised to upload their answer sheets/solutions on LMS portal as soon as they complete their answers and not to wait for 8:30 PM.
5. Submissions after due date & time will not be entertained. Attach undertaking with each course code which were allowed to attempt in Urdu.
6. If plagiarism found, Student may be declared fail.

Q. No.	Questions	Marks
1	Explain how measures of central tendency help business manager in improving productivity. Provide logical arguments and examples.	33
2	You as an investor and financial expert have to encounter with data to analyze it for decision making purposes. You either have parametric or non-parametric methods to analyze the data. Explain the differences between parametric and non-parametric approaches of analysis. Elaborate with examples which method will be used to forecast future in an effectively and efficiently.	33
3	If you have to develop a COVID 19 vaccine, in order to prove effectiveness of your vaccine which type of probability sampling should be used to justify your claim and why. Is it appropriate to stick to probability sampling techniques only?	34