

ALLAMA IQBAL OPEN UNIVERSITY

LEVEL	B.ED	SEMESTER	SPRING 2024
PAPER	EDUCATIONAL STATISTICS	MAXIMUM MARKS	100
TIME ALLOWED	03 HOURS	PASS. MARKS	40

NOTE: ATTEMPT ANY FIVE QUESTION

Q.NO.1	Discuss the role of statistics in educational research, decision-making, and improving educational practices.	20
Q.NO.2	Define and discuss measures of central tendency (mean, median, and mode) and their relevance in educational data analysis.	20
Q.NO.3	Explain nominal, ordinal, interval, and ratio scales with examples from educational settings	20
Q.NO.4	Explain range, variance, and standard deviation and their application in understanding educational data variability.	20
Q.NO.5	Describe the concept of probability and its importance in assessing the likelihood of events in educational contexts.	20
Q.NO.6	Discuss the purpose of each type of statistics and provide examples of their application in education.	20
Q.NO.7	Define correlation, types of correlation, and how it can help in understanding relationships between variables in education.	20
Q.NO.8	Explain the steps involved in hypothesis testing, including null and alternative hypotheses, significance levels, and the interpretation of p-values.	20