

देवी अहिंसा विश्वविद्यालय, इन्दौर से सम्बद्ध  
परिष्ठा केन्द्र :-

(Regular) विद्यार्थियों के लिये

Class : BBA (II<sup>nd</sup>) III sem

Paper : Business Statistics

MM. 80

सभी पाँच प्रश्नों के उत्तर दीजिए। सभी प्रश्नों के अंक समान हैं।  
Attempt all the five questions. All questions carry  
equal marks.

Q.1 : How does statistics help in taking management decision? Explain by taking five examples.

Q.2 : Calculate mean, median and Mode from the following data:

Marks (Less than)	10	20	30	40	50	60	70	80
	3	7	10	16	30	40	45	50

Q.3 : What do you understand by the term probability? Discuss its importance in business decision making.

Q.4 : Calculate Karl Pearson's coefficient of correlation between the marks in Mathematics and statistics given below.

Mathematics	42	44	58	55	89	98	66
Statistics	56	49	53	58	64	76	58

Q.5 : What is a time-series? Describe the uses of time-series. How will you analyze the time series? What purpose is served by time series analysis?