



Directorate of Online Education

INTERNAL ASSIGNMENT SET-I & II

SESSION	APRIL 2022
PROGRAMME	MASTER OF BUSINESS ADMINISTRATION (MBA)
SEMESTER	I
COURSE CODE & NAME	DMBA103-STATISTICS FOR MANAGEMENT
CREDITS	4
NUMBER OF ASSIGNMENTS, CREDITS & MARKS	02 4 Credits, 30 Marks each

Note:

- There will be two sets of assignments for every course, and you must answer all questions in both sets. Average of both assignments' marks scored by you will be considered as Internal Assessment Marks.
- Answers for 10 marks questions should be approximately of 400-500 words.

SET-I

Q.No	Questions	Marks	Total Marks
1	Explain the various scale of measurements in detail.	10	10
2.	A manufacturing firm produces steel pipes in three plants with daily production volumes of 500, 1000 and 2000 units respectively. According to past experience, it is known that the fraction of defectives output produced by the three plants are respectively 0.005, 0.008 and 0.010. If a pipe is selected from a day's total production and found to be defective, find out (a) from which plant the pipe comes (b) what is the probability that it comes from first plant?	10	10
3.	Explain the following: <ul style="list-style-type: none">• Probability Sampling and Non-Probability Sampling• Systematic sampling and Cluster Sampling• Advantages of Probability Sampling over Non-probability Sampling• Census vs. sample• Primary and Secondary Data	5+5	10

SET-II



MANIPAL
UNIVERSITY JAIPUR
University under Section 2(f) of the UGC Act

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Q.No	Questions	Marks	Total Marks
1.	Explain the components of index numbers in detail.	10	10
2.	What is regression analysis? Explain steps of performing regression analysis in detail?	10	10
3.	What do you understand by business forecasting? Explain the components of time series.	10	10