

Roll No.

Total No. of Pages : 02

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Master of Design (Fashion & Textiles) (Sem.-1)
STUDY OF STATISTICS FOR APPAREL & TEXTILES

Subject Code : MDFT-111-19

M.Code : 77096

Date of Examination : 23-01-2023

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION A, B, C & D contains TWO questions each.
2. Attempt any FIVE Questions in all, selecting atleast ONE question from each Section
3. Each question carries TWELVE marks.

SECTION-A

1. Explain briefly the different types of graphs that are used in presenting statistical data.
2. Find out the missing frequencies in the following series, Given that Mode is 24 and where the number of items is 100.

Class :	0-10	10-20	20-30	30-40	40-50
Frequency :	14	?	26	?	18

SECTION-B

3. From the following table of marks obtained by A and B in 10 tests of 150 marks each, find out which is more intelligent and who is more consistent :

A	25	50	45	30	70	42	36	48	34	60
B	10	70	50	20	95	55	42	60	48	80

4. Determine the correlation from the following data :

Share X :	61	68	79	59	69	96	89	78
Share Y :	108	123	136	107	112	156	137	125

SECTION-C

5. What do you understand by Binomial Distribution? Discuss the conditions for application of Binomial Distribution. What are its important properties?
6. Write short note on
 - a) Differences of means
 - b) Differences of proportions

SECTION-D

7. Discuss the procedure of hypothesis testing. Explain how t-test is used to test the significance of the difference between the means of two samples.
8. For the following data, find out whether there is any relationship between Gender and preference of colour :

Colour	Males	Females	Total
Red	10	40	50
White	70	30	100
Green	30	20	50
Total	110	90	200

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.