Roll No. ⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚   **Total No. of Pages : 02**

Total No. of Questions : 07

M.Sc. (Fashion Marketing Management) (2015 to 2017)   (Sem.-1)

STATISTICS FOR FASHION INDUSTRY
Subject Code : MSc.GMT/FMM/STAT-104
Paper ID : [A2153]

Time : 3 Hrs.   **Max. Marks : 60**

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTIONS-B consists of THREE Sub-sections : Units-I, II & III.**
3. **Each Sub-section contains TWO questions each, carrying TEN marks each.**
4. **Attempt any FOUR questions, ONE from each Sub-section and fourth from any sub-section.**

SECTION-A

Q1 Answer all in brief :

a. What is descriptive statistics?

b. Differentiate between histogram and bar chart

c. Define random sampling

d. Define standard deviation

e. Define kurtosis

f. What is central tendency?

g. Define probability

h. What is positive correlation?

i. Differentiate simple and multiple regression

j. What is standard error?

SECTION-B

UNIT-I

Q2   With the help of suitable example explain how will you construct frequency distribution?

Q3   What are the various tools used for graphical presentation of data? Explain them briefly.

UNIT-II

Q4   Following are the daily rounds taken by local bus in particular route during the last 20 days. Calculate the standard deviation.

0, 0, 1, 1, 2, 4, 4, 4, 5, 5, 7, 7, 8, 9, 12, 12, 12.12, 15

Q5   Explain in detail regression equation. Also state what are its various uses?

UNIT-III

Q6   Explain with the help of example the hypothesis testing for difference of proportions

Q7   Explain the mechanics of Chi Square Test.