

PG CBCS
M.SC. Semester-III Examination, 2021
FOOD SCIENCE & NUTRITION
PAPER: FSN 395 (PRACTICAL)
(BIOSTATISTICS AND COMPUTER APPLICATION LAB)

Full Marks: 50**Time: 4 Hours****Answer any TWO questions of the following:****2X25 = 50**

1. Write the competition method for mean, medium, P25 and O3 of the group sample in a variable. What does mean $X \pm 1SD$, $X \pm 2SD$ and $X \pm 2SD$? 20+5
2. State the computational steps for correlation of coefficient between two variables with the help of spareman method. How to interpret the significance of correlation. Write the computation formula of multiple correlation. 15+5+5
3. Describe at least Five statistical functions for data analysis in MS Excel with suitable example. 25
4. Make a table for student results using the following data. Suppose there are 10 students in your class. Make a column for each of the entry: Name, Roll number, Marks obtained in different subject, total marks obtained, average and percentage of marks obtained. Fill the table with appropriate data and calculate the required things to obtain final table and grade them as “Good” if the students earn more than 80% else grade them “Not Good”. 25
5. Construct a Pie Charts for the following data tables: 25

Expenses	Amount
Rent	7000
Grocery	3000
Transport	800
Current	300
School fee	2000
Savings	1900

Product	Sales Percentage
Coffie	27%
Biscuits	13%
Tea	26%
Vegetable	25%
Fruits	3%
Chips	5%
Drinks	1%