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PG CBCS
M.Sc. Semester-III Examination, 2020
FOOD SCIENCE & NUTRITION
PAPER: FSN 395
(PRACTICAL)
BIOSTATISTICS AND COMPUTER APPLICATION LAB

Full Marks: 50   **Time: 4 Hours**

1. Classify with examples of different types of Correlation. Write the formula and computational table for Spearman Correlation of coefficient. To find whether or not there is a significant product moment 'r' between body weight (Kg) & body length (cm) of the following babies**.**   5+5+5

Sl no of Babies	1	2	3	4	5	6	7
Body length (cm) (X)	54	81	97	88	72	97	94
Body weight (kg)(Y)	5.6	9.2	9.3	6.3	4.3	6.3	4.6

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2. Formulate a bar diagram from the supplied data with basic steps and write the importance in nutritional research

    The Hb (g%) of 10 male college students and 10 female college students are given below. Find out whether or not the mean Hb% of male is significantly higher than that of female.

Male Hb (g%)	11.2	12.4	10.8	13.2	11.6	12.6	10.4	14.2	12.8	13.6
Female Hb (g%)	12.8	11.6	12.2	11.8	9.8	12.4	12.4	11.4	13.8	12.0

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3. Laboratory Note Book   20

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