

[LE 0414]

APRIL 2014

Sub.Code :1306

**M.Sc CLINICAL NUTRITION EXAM
FIRST YEAR
PAPER VI - RESEARCH METHODS & BIOSTATISTICS**

Q.P. Code: 281306

Time: Three hours

Maximum : 100 Marks

Answer All Questions

I Elaborate on:

(2x20 =40)

1. Define hypothesis? Explain about various types of hypothesis and mention about testing of hypothesis?
2. Define Biostatistics? Explain about various statistical tests and their significance?

II. Write Short notes on:

(10 x 6 = 60)

1. Ethical issues in research
2. Bio Physiological methods of data collection
3. Experimental study design
4. Probability sampling technique
5. Parametric and non parametric test
6. Variables in research
7. Case control Vs cohort studies
8. SPSS and its uses in research
9. Diagrammatic representation of data
10. Calculate the standard deviation and mean deviation from mean for the following series.

Marks	No. of students
0-10	5
10-20	8
20-30	15
30-40	16
40-50	6
