

[LJ 1016]

OCTOBER 2016

Sub. Code: 1306

**M.Sc. CLINICAL NUTRITION EXAMS  
FIRST YEAR  
PAPER VI – RESEARCH METHODS AND BIOSTATISTICS**

*Q.P. Code : 281306*

**Time : Three hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Explain the various methods of sampling techniques and also to determine the sample size.
2. Write down the steps involved in testing of hypothesis.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Write down the scope of Biostatistics in Nutrition.
2. Explain the two types of error in testing of hypothesis.
3. What do you mean by case control study? Explain briefly
4. Explain the various Non probability sampling.
5. Write down the characteristics and uses of a good questionnaire.
6. Explain Ogives.
7. Explain the various methods of measuring variability.
8. Explain standard Error of mean.
9. How will you merge two data files in SPSS?
10. Find whether or not there is a significant difference between the mean inter-orbital width (mm) of two groups of pigeons, consisting of 10 and 8 pigeons respectively.  
Group I (X1) 11.9 11.4 11.9 11.4 11.2 12.2 12.6 12.2 12.7 12.5  
Group II (X2) 10.8 10.9 10.5 11.0 10.6 10.5 10.8 10.5

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