

[LM 0518]

MAY 2018

Sub. Code: 2864

**M.Sc. BIOSTATISTICS EXAMS
FIRST YEAR
PAPER IV – DEMOGRAPHY AND HEALTH DATA MANAGEMENT**

Q.P. Code : 282864

Time : Three hours

Maximum : 100 marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain:
 - a) Construction of life tables.
 - b) Registration method.
 - c) Creating a data file in MS excel.
 - d) Data view and variable view in SPSS.
2. Explain macro writing, running query language in SAS.

II. Write notes on:

(10 x 6 = 60)

1. Direct and indirect method of standardization.
2. Population pyramid.
3. Effect of fertility.
4. Any one simple statistical analysis using excel with an example.
5. Descriptive statistics in SPSS.
6. Cross tabulation in SPSS.
7. One-way ANOVA analysis with an example in SPSS.
8. Paired t-test in SAS.
9. Mann Whitney U-test in SAS with an example.
10. Data input and output in SAS.
