

[LD 1013]

OCTOBER 2013

Sub. Code: 2864

M.Sc NON-MEDICAL DEGREE EXAMINATION

FIRST YEAR

BRANCH II - BIOSTATISTICS

PAPER IV – DEMOGRAPHY AND HEALTH STATISTICS DATA  
MANAGEMENT

*Q.P. Code : 282864*

**Time : 3 hours**

**Maximum : 100 marks**

**I. Elaborate on :**

**(2X20=40)**

1. Discuss in detail the inter-relationship between changes in fertility, mortality, migration and socio economic development and its impact on health of the people in India.
2. Discuss the utility of receiver operator characteristics curve in the evaluation of diagnostic test. Outline the considerations involved in the choice of cut-off point.

**II. Write notes on:**

**(10X6=60)**

1. Adjusted ODD 's ratio
2. Age and sex composition
3. Demographic transition
4. Uses of MS excel
5. Life tables
6. Chandrasekar index
7. Population pyramid
8. Anova test
9. Additional law and multiplication of probability
10. Census

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