[LH 0415]　　　　　　　　**OCTOBER 2015**　　　　　　　**Sub. Code: 1255**

M.Sc., MEDICAL LABORATORY TECHNOLOGY
(From 2013-2014 Batch onwards)
FIRST YEAR
PAPER V – EPIDEMIOLOGY & BIOSTATISTICS

Q.P. Code: 281255

Time: Three hours　　　　　　　　　　　　　　　　　**Maximum: 100 marks**

I. Elaborate on:　　　　　　　　　　　　　　　　　　**(2 x 20 = 40)**

1. Discuss the role of epidemiology in health and disease.

2. Describe correlation and regression by explaining its interpretation.

II. Write notes on:　　　　　　　　　　　　　　　　　**(10 x 6 = 60)**

1. Adjusted Rates.

2. Accuracy and validity of diagnostic tests.

3. Descriptive Study design.

4. Critical appraisal of published article.

5. Presentation of data.

6. Measures of Central tendancy.

7. Curve for comparing two or more diagnostic tests.

8. Hypothesis.

9. Probability sampling.

10. Chisquare test.

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