

MASTER OF HOSPITAL ADMINISTRATION EXAMS
(Candidates admitted in 2017-2018)
FIRST YEAR
PAPER II – BIO-STATISTICS AND OPERATIONS RESEARCH

Q.P. Code : 435022

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Calculate correlation coefficient.

No of Antenatal Visit X :	1	3	4	6	2
Distance of PHC in Kms Y:	2	3	7	10	2

Find if Y = 5 kms how may antenatal visits will be X = ?

2. Procedure for solving the L.P by simplex method.

II. Write notes on:

(10 x 6 = 60)

1. Application of statistics in medical field.
2. What are the qualitative & quantitative data recorded in routine clinical practice? Explain with examples.
3. Measure of dispersion.
4. Chi square test.
5. Limitations of operation Research.
6. Balanced & unbalanced problems.
7. North-west corner rule.
8. Positional averages.
9. Type I & Type II error.
10. One – sided & two sided Hypothesis.
