

Q.P. Code: 114325

Reg. no.:

MD (Hom.) Part I Degree Supplementary Examination, August 2014

(Common for all Specialties)

Paper IV- Research Methodology, Bio-Statistics and History of Medicine

Time: 3 Hours

Total Marks: 100

- Answer all questions
- Draw diagrams wherever necessary

Essays

(4x20=80)

1. Define logic. Explain the different types of logic. Explain the concept of logic of Aristotle, Lord Bacon and J.S.Mill
2. Renaissance (Rebirth of science) was a period of great awakening in medicine. - justify.
3. Define correlation and explain the different types of correlation. Mention the different measures of correlation.
4. On a group of anemic patients, an iron preparation was administered and the hemoglobin levels of the patients before and after therapy were noted and are given below. It is desired to find out whether there is significant change in the hemoglobin level of the group after the therapy.

Pt.No.	1	2	3	4	5	6	7	8	9	10	11	12	
HB% level	Before therapy	5.6	4.8	6.5	7.5	4.5	5.6	6.7	6.2	5.6	4.4	7.5	8.0
	After Therapy	10.2	9.4	11.0	7.5	7.5	6.0	8.0	9.6	10.0	8.4	8.0	8.0

Short notes:

(4x5=20)

5. ANOVA
6. Primary and secondary data
7. Different schools of philosophy
8. Indian system of medicine in ancient and medieval period
