Rajiv Gandhi University of Health Sciences, Karnataka

M.D. / M.S. UNANI FIRST YEAR EXAMINATION-OCT-2019

[Time: 3 Hours]   [Max. Marks: 100]

MAHIYATUL AMRAZ (PATHOLOGY)
Usool-e-Tahqeeq wa Hayati Shumariyat – Paper - I
(Research Methodology and Biostatistics)
QP Code: 6073

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary. Answer all questions.

LONG ESSAY   **2 X 20 = 40 Marks**

1. Find if there is any significant difference between two pairs by using Wilcoxon matched pairs signed rank test and Sign test. Which one is better?

Y	10	5	6	7	10	12	11	5	7	8	9
Z	5	7	10	11	23	20	10	6	8	9	15

2. Explain Phases of Clinical trial in detail with its objectives.

SHORT ESSAY   **6 X 10 = 60 Marks**

3. Define Probability and Laws of Probability in detail.

4. What are the issues and prospects of Clinical Research in Unani Medicine?

5. Define Sampling and explain sampling error with example. How you will correct those errors in Clinical Trial?

6. Explain Methods of Data collection with its merits and demerits.

7. Write a note on inductive and deductive theories.

8. Define tests of significance. Explain t test in detail with example.

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