

Rajiv Gandhi University of Health Sciences, Karnataka

First M.D. (Unani) Degree Examination - OCT-2019

[Time: 3 Hours]

[Max. Marks: 100]

AMRAZE NISWAN WA QABALAT USOOLE TEHQEEQ WA HAYATI SHUMARIYAT - PAPER II (Revised Scheme 2) Q.P. CODE: 9572

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

- Describe formal research designs.
- Three different treatments are given to three groups of patients with anaemia. Increase in Hb% level was noted after one month and is given below. Find whether the difference in improvement in three groups is significant or not.

Group A	Group B	Group C
X_1	X_2	X_3
3	3	3
1	2	4
2	2	5
0	3	4
1	1	2
2	3	2
2	2	4

SHORT ESSAY

6 X 10 = 60 Marks

- Describe the basic principle of clinical research.
- Describe the analytical tools for experimental research.
- Elaborate CPSEA guidelines for research.
- Find if there is any significant difference between two pairs by using Wilcoxon matched pairs signed ranks test and sign test. Which one is better?
a. 10, 5, 6, 7, 10, 12, 11, 5, 7, 8, 9
b. 5, 7, 10, 11, 23, 20, 10, 6, 8, 9, 15
- Calculate mean deviation, range and SD of the following data.
10, 15, 16, 17, 19, 17, 16, 20, 30, 17
- Describe the various tests used for analysis of non-parametric data.

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