

Roll No.....

SCHOOL OF UNANI MEDICAL EDUCATION & RESEARCH (SUMER)

JAMIA HAMDARD-110 062

MD (Ilmul Advia)-1st Year Annual Examination-2021

Paper No.-MDI-102: Usoole Tehqeeq wa Hayati Shumariyat

(Research Methodology & Bio-statistics)

Time allowed: 03 Hours

Maximum Marks: 75

Note: Attempt all questions of all sections.

Section-A (10X2=20)

1. Define 'Hypothesis' and its types.
2. Describe 'Research' and its significance in Ilmul Advia.
3. Explain 'Methodology' and its types.
4. Describe significance of 'Review of literature'.
5. How many components a 'Thesis' have?
6. Differentiate between 'Research article' and 'Review article'.
7. What is research question?
8. Explain experimental model in Ilmul Advia.
9. Define 'Outcome' and its types.
10. Define 'Placebo' and 'Nocebo'.

Section-B (5X5=25)

1. Describe Institutional Ethics Committee and its composition.
2. Define clinical trial, their types and significance.
3. Explain protocols for experimental research and report writing.
4. Define 'Reference Management Tool' with an example.
5. Describe 'Pharmacovigilance' and its scope in Ilmul Advia.

Section-C (3X10=30)

1. Define 'test of significance' with examples.
 2. Describe 'ANOVA', its types and significance.
 3. Define 'Minitab' and 'SPSS'.
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