

[MD UNANI 0324]

Sub. Code : 1001

THE TAMILNADU DR. M.G.R. MEDICAL UNIVERSITY
MARCH 2024 – (OCTOBER – 2023 EXAM SESSION)
MAHIR-E-TIB – M.D. (UNANI) – FIRST YEAR EXAMINATION
BRANCH VII – MOALAJATH (GENERAL MEDICINE)
AND
BRANCH IX – ILAJ BIT TADBEER (REGIMENAL THERAPY)
Paper I – USOOL-E-TAHQEEQ WA HAYATI SHUMARIYAT
(RESEARCH METHODOLOGY AND BIO-STATISTICS)
(For the Candidates Admitted From 2022-23 Onwards)
(New Regulation)
Q.P. Code : 481001

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Note : Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

- I. Write an essay on the following : (2 × 20 = 40)
 1. Define Hypothesis? Describe its types, characteristics and importance in medical research.
قیاس فرضی (Hypothesis) کی تعریف بیان کرتے ہوئے، طبی تحقیق میں اس کے اقسام، خصوصیات اور اہمیت و افادیت بیان کیجئے۔
 2. What are the measures of Dispersion? Briefly discuss the use of standard deviation.
حیاتی شماریات میں تشتت (Dispersion) کے اقدامات کیا ہیں تحریر کرتے ہوئے معیاری انحراف (Standard Deviation) کے استعمال پر اجمالی تبصرہ پیش کیجئے۔
- II. Write a short note on the following : (10 × 6 = 60)
 1. Describe the source for collection of literature essential for conducting research.
طبی تحقیق کے لئے ضروری ادب کے مجموعہ کے ذرائع کی مفصل وضاحت کیجئے۔
 2. What do you know about Chi-square test, explain with example?
Chi-Square Test کے متعلق آپ کیا جانتے ہیں مثالوں کے ساتھ وضاحت کیجئے۔

3. Write down the protocols of Clinical based research.

سریری تحقیق پر مبنی مشروط ضوابط تحریر کیجئے۔

4. Write briefly about the Test of Significance.

Test of Significance پر مختصر نوٹ تحریر کیجئے۔

5. What is Minitab and SPSS?

Minitab اور SPSS سے کیا مراد ہے؟ وضاحت کیجئے۔

6. Explain the importance of charts and graphs in Statistics.

شماریات میں چارٹ اور گراف کی اہمیت کی وضاحت کیجئے۔

7. Explain the research problem and write down its characteristics.

تحقیقی مسئلہ کی وضاحت کرتے ہوئے اس کی خصوصیات بیان کیجئے۔

8. Write a short note on sampling and its types.

نمونے حاصل کرنے اور اس کے اقسام پر مختصر نوٹ تحریر کیجئے۔

9. What are the protocols for writing a research report?

مبحث تحقیق کے لکھنے کے مشروط ضوابط کیا ہیں؟

10. Write about the importance of Declaration of Helsinki in medical research.

طبی تحقیق میں تصریح ہلسنکی (Declaration of Helsinki) کی اہمیت و افادیت بیان کیجئے۔

[MD UNANI 1124]

Sub. Code : 1001

THE TAMILNADU DR. M.G.R. MEDICAL UNIVERSITY
NOVEMBER 2024 - (OCTOBER 2024 EXAM SESSION)
MAHIR-E-TIB – M.D. (UNANI) – FIRST YEAR EXAMINATION
BRANCH – III – ILMULADVIA (PHARMACOLOGY)
BRANCH VII – MOALAJATH (GENERAL MEDICINE)
AND
BRANCH IX – ILAJ BIT TADBEER (REGIMENAL THERAPY)
Paper I – USOOL-E-TAHQEEQ WA HAYATI SHUMARIYAT
(RESEARCH METHODOLOGY AND BIOSTATISTICS)
(For the Candidates Admitted From 2022-23 Onwards)
(New Regulation)
Q.P. Code : 481001

Time: Three hours

Maximum: 100 marks

Answer ALL questions.

Note: Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

- I. Write an essay on the following: (2 × 20 = 40)
1. What are the tools and techniques in research, explain in detail.
 2. Describe data collection, explain the formulation of mean, median and mode with examples.
- II. Write a short note on the following: (10 × 6 = 60)
1. What is Randomized block design?
 2. Define the modes of data presentation.
 3. Describe the following briefly: (a) Placebo (b) Randomization (c) Balancing and matching.
 4. Explain about Cluster sampling.
 5. What are the protocols for WHO report writing?
 6. Describe briefly about Test of Variance.
 7. Write the formulas and significance of:
a) Chi Square Test b) Z - Test
 8. Define probability and write down its laws.

P.T.O.

9. What are the guideline for research according to ICMR?
 10. Explain Kruskal Wallis test, Friedman test.
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