

[LK 1388]

MAY 2017

Sub.Code :1388

FINAL PROFESSIONAL B.A.M.S. DEGREE EXAMINATION
PAPER VIII – RESEARCH METHODOLOGY AND MEDICAL STATISTICS

Q.P. Code : 641388

Time: 90 Minutes

Maximum : 50 Marks

Answer all Questions

I. Essay Questions:

(1 x 15 = 15)

1. Explain the research tools in detail.

II. Write Notes on:

(5 x 5 = 25)

1. Explain the introduction to probability and test of Significance.
2. Explain the parametric and non- parametric tests.
3. Write the evidence based medicine and scientific writing.
4. Write the formulation of Hypothesis.
5. Explain the measures of location and the measure of central tendency.

III. Short Answers on:

(5 x 2 = 10)

1. Write the importance of ethics in research.
2. What is Graphical presentation of data?
3. Write the types of research.
4. Write about sample.
5. Write the definition and scope of medical statistics.

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OCTOBER 2017

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Q.P. Code : 641388

Time: 90 Minutes

Maximum : 50 Marks

Answer all Questions

I. Essay Questions:

(1 x 15 = 15)

1. Explain the research process in detail.

II. Write Notes on:

(5 x 5 = 25)

1. Explain variability and measurement.
2. Explain the evidence of research in Ayurveda classics.
3. Write the importance of the data mining and its application in medical system.
4. Write the measures of location.
5. Explain the parametric and non – parametric tests.

III. Short Answers on:

(5 x 2 = 10)

1. Write the importance of ethics in research.
2. What is arithmetic mean?
3. Write the scope of research in Ayurveda.
4. Write about anumana in research.
5. What is a normal distribution?

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Maximum : 50 Marks

Answer all Questions

I. Essay Questions:

(1 x 15 = 15)

1. Explain aims, objectives, materials, methods, formulation, hypothesis of process of research.

II. Write Notes on:

(5 x 5 = 25)

1. Explain the types of research.
2. Explain the common statistical terms and notations.
3. Write the scope, need importance and utility of research in Ayurveda.
4. Write the commonly used statistical soft-wares.
5. Explain variability and measurement.

III. Short Answers on:

(5 x 2 = 10)

1. Write the measure of central tendency.
2. What is bioinformatics centre?
3. Write the etymology, definition and synonyms of the word research.
4. Write the importance of ethics in research.
5. Write is Tabular presentation of data.

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Time: 90 Minutes

Maximum : 50 Marks

Answer all Questions

I. Essay Questions:

(1 x 15 = 15)

1. Explain scientific writing.

II. Write Notes on:

(5 x 5 = 25)

1. Write the definition and importance of Ethics.
2. What is PubMed?
3. What is Categorical Variable?
4. What are the laws of Probability?
5. Write the uses of Placebo.

III. Short Answers on:

(5 x 2 = 10)

1. Write the derivation and definition of Statistics.
2. What are the obstacle to EBM?
3. Write about the common statistical term Population.
4. Write the limitation of statistics.
5. What are the Pramaanaas used as a research tool?

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Q.P. Code : 641388

Time: 90 Minutes

Maximum : 50 Marks

Answer all Questions

I. Essay Questions:

(1 x 15 = 15)

1. Explain Evidence based Medicine.

II. Write Notes on:

(5 x 5 = 25)

1. Explain Research Management Information System.
2. Explain the types of Diagrams.
3. Write the uses of Placebo.
4. Write the difference between parametric and Non parametric.
5. Classification of Data

III. Short Answers on:

(5 x 2 = 10)

1. Write the definition of Research and its Aims.
2. Write about anumana in research.
3. What is arithmetic mean?
4. Write the limitation of statistics.
5. Write the application of Data Mining.
