

TILAK MAHARASHTRA VIDYAPEETH, PUNE

M.A. YOGA

EXAMINATION : NOVEMBER – 2022

THIRD SEMESTER

Sub. : Research Methodology and Biostatistics (303)

Date: 24/11/2022

Total marks: 60

Time: 2.00pm to 4.30 pm

Instructions:

- 1) All questions are compulsory.
 - 2) Figures to the right indicate full marks.
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Q. 1 Multiple choice questions. (10)

1. Data can be represented in the form of
 - a) table
 - b) graph
 - c) histogram
 - d) all of the above
2. is known as pure research.
 - a) Basic research
 - b) Theoretical research
 - c) Fundamental research
 - d) all of the above
3. When population cannot be counted, it is said to be
 - a) finite
 - b) infinite
 - c) sample
 - d) target
4. Research in Sanskrit is
 - a) anveshana
 - b) gaveshana
 - c) paryeshana
 - d) all of the above
5. research is called numerical research.
 - a) Qualitative
 - b) Quantitative
 - c) Both a & B
 - d) None
6. Continuous and discrete are the types of
 - a) variable
 - b) mean
 - c) data
 - d) sampling
7. Measures of central tendency are
 - a) mean
 - b) median
 - c) mode
 - d) all of the above
8. 'HO' indicates
 - a) Null hypothesis
 - b) Alternative hypothesis
 - c) Both a and b
 - d) None
9. Most often occurring number in data is known as
 - a) mean
 - b) median
 - c) mode
 - d) sample
10. Qualitative and quantitative are types of
 - a) research
 - b) data
 - c) Both a and b
 - d) None

Q.2 Short Answer questions (Any Four) (20)

1. Write about tabular presentation of data.
2. Write about measures of central tendency.
3. What is sample and write about sampling methods.
4. Write about review of literature.
5. What is 'Ethics' in research.
6. Write importance of field of IT (Information Technology) in research.

Q.3 Long answer question (Any Two) (30)

1. Definition of research and types of research.
 2. Write research process in detail.
 3. What is Data and write about types of data.
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