

TILAK MAHARASHTRAVIDYAPEETH, PUNE

M.A. YOGA

EXAMINATION : DECEMBER-2023

THIRD SEMESTER

Sub. : Research Methodology and Biostatistics (303)

Date: 11/12/2023

Total marks: 60

Time: 10.00 am to 12.30 pm

Instructions:

- 1) All questions are compulsory.
- 2) Figures to the right indicate full marks.

Q. 1. Multiple choice questions.

(10)

1. 'Ha' indicates _____
 - a) Alternative hypothesis
 - b) Null hypothesis
 - c) Both a and b
 - d) None of the above
2. Data can be presented by _____
 - a) Bar diagram
 - b) Pie diagram
 - c) Tabular form
 - d) All the above
3. Qualitative and quantitative are types of _____
 - a) Research
 - b) Data
 - c) Both a and b
 - d) None of the above
4. _____ research is also called as Pure research
 - a) Basic research
 - b) Fundamental research
 - c) Both a and b
 - d) None of the above
5. The number which occurs most often in the data set is known as _____
 - a) Mean
 - b) Median
 - c) Mode
 - d) None of the above
6. Qualitative data is _____
 - a) Numerical
 - b) Non-numerical
 - c) Both a and b
 - d) None of the above
7. Research in Sanskrit is _____
 - a) Anveshana
 - b) Gaveshana
 - c) Shodha
 - d) All the above
8. The data which is presented individually (without groups) named as _____
 - a) Grouped data
 - b) Ungrouped data
 - c) Both a and b
 - d) None of the above
9. Random stratified are the types of _____
 - a) Data
 - b) Sampling
 - c) Mean
 - d) Research

10. Measures of central tendency are _____
- a) Mean
 - b) Median
 - c) Mode
 - d) All the above

Q. 2. Write the answers in short (Any Four) (20)

- 1) Pure and applied research.
- 2) Ethics in research.
- 3) Importance of Review of literature.
- 4) Histogram.
- 5) Measures of central tendency.
- 6) Sample and sampling methods.

Q. 3. Write the answers in brief (any two) (30)

- 1) Define data and write about types of data.
 - 2) Define research and write about research process in detail.
 - 3) Define statistics and write about presentation of data.
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