

TILAK MAHARASHTRAVIDYAPEETH, PUNE

M.A. YOGA

EXAMINATION : APRIL/ MAY -2026

FIRST SEMESTER

Sub. : Research Methodology (MA24N -105TH)

Date: 04/05/2026

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. Data can be presented by _____
 - a) One dimensional diagram
 - b) Histogram
 - c) Pictogram
 - d) All the above
2. Research in Sanskrit is _____
 - a) Anveshana
 - b) Anusandhana
 - c) Paryeshana
 - d) All the above
3. The data which is presented in groups are named as _____
 - a) Grouped data
 - b) Ungrouped data
 - c) Primary data
 - d) Both a and b
4. _____ Research help in exploring new ideas.
 - a) Applied
 - b) Exploratory
 - c) Descriptive
 - d) Diagnostic
5. 'Ha' indicates _____
 - a) Alternative hypothesis
 - b) Null hypothesis
 - c) Both a and b
 - d) None of the above
6. _____ research is also called as Pure research
 - a) Basic research
 - b) Fundamental research
 - c) Both a and b
 - d) None of the above
7. Qualitative data is _____
 - a) Numerical
 - b) Non-numerical
 - c) Both a and b
 - d) None of the above
8. Random stratified are the types of _____
 - a) Data
 - b) Sampling
 - c) Mean
 - d) Research
9. _____ was the prime scientist to use the term 'evidence based'.
 - a) William.J.Cook
 - b) Robert.J.T.Joy
 - c) David M.Eddy
 - d) Otis Brawley

10. Line diagram is _____

- a)) One dimensional diagram
- b) Two dimensional diagram
- c) Three dimensional diagram
- d) None of these

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

- 1) Techniques of Research paper writing.
- 2) Pure and applied research.
- 3) Importance of IT in data mining.
- 4) Write about measures of central tendency.
- 5) Ethics in Research.
- 6) Grouped and Ungrouped data.

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

- 1) Write about population, sample and sampling methods.
- 2) Define research and write about research process in detail.
- 3) Define statistics and write about presentation of data.
