

**PhD Entrance Test (Jan-2026)**

**Date of Exam: 18-01-2026 (Sunday)**

**SECTION A: Research Methodology/ Aptitude**

**Time: 11:00 AM to 12:30 PM**

**Total Time Allowed: 90 mins.**

**Max.Marks: 35**

**Instructions for the Candidates**

1. The question paper shall consist of 35 Multiple Choice questions.
2. All questions are compulsory. Each question carries 1 mark.
3. There shall be no negative marking.

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1. Three persons contributed the cost of a bike. If A, B, and C each paid Rs. 1200, Rs. 3000 and Rs. 1800 respectively, then C paid what percentage of total cost?
    - a) 10 percent
    - b) 20 percent
    - c) 30 percent
    - d) 40 percent
  2. A cycle is sold at some price. By selling cycle at  $\frac{2}{3}$  of that price one loses 10%, find the profit percent at the original price.
    - a) 15 %
    - b) 25%
    - c) 35%
    - d) 45%
  3. A train is 800 meters long and running at a constant speed of 60 km/hour. If it takes 120 seconds to cross the bridge, find length of bridge:
    - a) 1510
    - b) 1800
    - c) 1902
    - d) 1200

4. The banker's discount on a sum of money for 18 months is Rs. 600 and true discount on the same sum for 3 years is Rs. 750. The rate percentage is:
- a) 14
  - b) 22
  - c) 18
  - d) 20
5. Today is Monday in a leap year. The day after 68 days will be:
- a) Tuesday
  - b) Friday
  - c) Monday
  - d) Saturday
6. If majority of spoons are forks, then which statement is true?
- a) A majority of forks are spoons
  - b) A minority of forks are spoons
  - c) a 'true' and b 'false'
  - d) Both 'a' and 'b' are true
7. A and B start from a fixed point. A moves 4 km to South, then turns left and moves 3 km. B moves 3 km towards West and turns right and goes 4 km further. How far apart they are now?
- a) 6 km
  - b) 10 km
  - c) 9 km
  - d) None of Above
8. If in a code, 'PERFECT' is written as 116 and then 'DIVORCE' will be written as:
- a) 113
  - b) 112
  - c) 117
  - d) 111

9. Pritam said, "The lady is wife of the grandson of my mother". How is Pritam related to lady:
- a) Father
  - b) Husband
  - c) Father-in-law
  - d) Brother
10. In a Pie-chart, one percent accounts for how many degrees of circle:
- a) 1.44
  - b) 2.7
  - c) 3.6
  - d) 1.8
11. 'Stub' in a table is:
- a) Heading of Column
  - b) Heading of Row
  - c) Title of table
  - d) None of above
12. Which of the following referencing style is more appropriate in social sciences:
- a) APA
  - b) ILI
  - c) MLA
  - d) None of the above
13. Which of the following is not a quantitative method of social research:
- a) Case-Study
  - b) Empirical
  - c) Survey
  - d) None of Above

14. The closed population can be dealt with which sampling method:

- a) Convenience
- b) Judgemental
- c) Quota
- d) Snowball

15. Which of the following is a type of review of literature:

- a) Chronological
- b) Thematic
- c) Meta-Analysis
- d) All of Above

16. Which out of these is the part of data-processing?

- a) Report Writing
- b) Review of literature
- c) Coding
- d) Analysis and interpretation

17. Survey method can't involve application of this method:

- a) Observation
- b) Historical
- c) Interview
- d) Questionnaire

18. The Ph.D. thesis consulted by you in your university library represents:

- a) Primary source of data
- b) Published data
- c) Unpublished secondary data
- d) None of Above

19. Which of the following is probability sampling:
- a) Systematic
  - b) Quota
  - c) Judgemental
  - d) Convenience
20. Which of the following is not a plagiarism detection checker:
- a) Grammarly
  - b) Copyscape
  - c) Turnitin
  - d) Latex
21. A hypothesis indicating no relationship between variables is:
- a) Alternative
  - b) Null
  - c) Associative
  - d) None of Above
22. Which method out of these avoid personal contact of researcher and respondent:
- a) Questionnaire
  - b) Schedule
  - c) Interview
  - d) None of Above
23. A researcher wants to study the familiarity of political parties in a large region. Region is known for high illiteracy. Which method is suitable to collect data:
- a) Questionnaire
  - b) Schedule
  - c) Case-Study
  - d) Historical

24. Which of the following is not a sample size determination method in social research:
- a) Cochran's Method
  - b) Yamane's Method
  - c) Slovin's Method
  - d) Marshall's method
25. Which study is called one-shot study:
- a) Longitudinal
  - b) Panel
  - c) Cross Sectional
  - d) None of above
26. Which of the following is broader concept out of all given below:
- a) Foot Notes
  - b) Reference
  - c) End Notes
  - d) Bibliography
27. Which of the following data scale contain true zero:
- a) Interval
  - b) Ratio
  - c) Ordinal
  - d) Nominal
28. In research, moving from general/universal to particular is called the use of:
- a) Induction
  - b) Deduction
  - c) Reasoning
  - d) None of above

29. Ogives can be used to find graphically:
- a) Mode
  - b) Mean
  - c) Range
  - d) Median
30. Descriptive research focuses upon:
- a) To find causal relationship between variables
  - b) To find all possible solutions to problem
  - c) To study the given problem in structured manner
  - d) None of above
31. Which of the following is not 'pure' research:
- a) Theoretical
  - b) Basic
  - c) Fundamental
  - d) Applied
32. Which is the source of a research problem:
- a) Daily experiences
  - b) Curiosity about unknown
  - c) Past research
  - d) All of above
33. Which of the following is not a necessary part of research report:
- a) Objectives
  - b) References
  - c) Review of literature
  - d) Source of Research Problem

34. In quantitative research, the trend of variable can be caught using:

- a) Mean
- b) Correlation
- c) Time-Series
- d) Index No's

35. 'Non-doctrinal' research is also known as:

- a) Empirical
- b) Non-empirical
- c) Conventional
- d) None of Above





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**PhD Entrance Test**  
**(January 2026)**

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**Subject Name: Research Methodology/Aptitude**

Q.No	Ans	Q.No	Ans	Q.No	Ans
1	C	13	A	25	C
2	C	14	D	26	D
3	D	15	D	27	B
4	D	16	C	28	B
5	D	17	B	29	D
6	D	18	C	30	C
7	B	19	A	31	D
8	A	20	D	32	D
9	C	21	B	33	D
10	C	22	A	34	C
11	B	23	B	35	A
12	A	24	D		