



VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM
(Deemed to be University under section 3 of the UGC Act 1956)

Ph.D Entrance Test – November – 2025

Faculty of Nursing

Instructions / Note:

1. Answer all the questions. Each question carries one mark.
2. No negative marks for wrong answers.
3. Read each question carefully and answer in the OMR sheet provided for each question with only blue/ black pen to fill the circles in the OMR Sheet.
4. Question number 1 - 35 questions belong to Research Methodology component and Question number 36-70 questions belong to the subject at PG level
5. Return the question paper along with the OMR sheet.

1. _____ research study is carried out with the help of either primary or secondary data points.
 - A. Conceptual
 - B. Empirical
 - C. Observational
 - D. Promotional
2. All of the below steps are involved in research except _____.
 - A. Testing
 - B. Control
 - C. Promotion
 - D. Validation
3. Applied research includes _____.
 - A. Problem solving
 - B. Real time problems
 - C. Action oriented research
 - D. All of the above
4. Which of the following is NOT a characteristic of good quality research study?
 - A. Systematic and objective
 - B. Ethical and unbiased
 - C. Replicable
 - D. Should be completed in four months



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5. An example for primary data is _____.
- A. Journal
 - B. Book
 - C. Newspaper
 - D. Census report
6. When there is no significant difference or effect between variables, it is called?
- A. Situational hypothesis
 - B. Null hypothesis
 - C. Relational hypothesis
 - D. Casual hypothesis
7. Which of the following is an example of descriptive research?
- A. Flexible work hours schedule on intention to leave organization
 - B. Census carried out by the Government of India
 - C. Implementing promotional offer on air ticket sales
 - D. Testing effectiveness of a new drug on asthma
8. Providing insights and understanding of the problem confronting the researcher is termed as _____.
- A. Casual research
 - B. Exploratory research
 - C. Descriptive research
 - D. Conclusive research
9. When a researcher manipulates one or more variable to determine its effect is termed as _____.
- A. Treatment
 - B. Independent variable
 - C. Test variable
 - D. Dependent variable
10. Table which is used to test the hypothesis for determining critical values in statistical tests is called _____.
- A. Tippet's table
 - B. Excel table
 - C. Chi-square table
 - D. Median table



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11. Which of the following BEST determines about field experiment?
- A. High internal and external validity
 - B. High internal validity
 - C. High external validity
 - D. None of the above
12. O1 O2 O3 O4 x O5 O6 O7 O8 is an example of _____.
- A. Multiple time series design
 - B. Time series design
 - C. One group pretest-posttest design
 - D. Pre-test-Posttest control group design
13. Census of India is an example of _____ source.
- A. Internal data
 - B. Government data
 - C. Non-governmental data
 - D. Syndicate data
14. Which of the following is a characteristics of qualitative research?
- A. Essentially same as quantitative research
 - B. Subjective
 - C. Objective
 - D. Employs rigorous mathematical analysis
15. All of the following is a characteristic of In-depth interview EXCEPT _____.
- A. Using highly skilled interviewer
 - B. Uncovers underlying motivations, beliefs, attitudes & feelings of a topic
 - C. Uses multiple respondents at same time
 - D. Interviewing single respondent
16. "What is your sleep pattern after the loss of your spouse?" is an example of _____
Question?
- A. Fixed alternative question
 - B. Loaded question
 - C. Leading question
 - D. Open ended question



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17. When the respondent is able to select more than one response to a multiple choice question is termed as _____.
- A. Ambiguous question
 - B. Dichotomous question
 - C. Checklist
 - D. Likert scale question
18. All of the following is a type of probability sampling EXCEPT?
- A. Convenience sampling
 - B. Systematic sampling
 - C. Stratified sampling
 - D. Cluster sampling
19. Each element of a population has equal and known chance of being selected as a sample is called as _____.
- A. Snowball sampling
 - B. Simple random sampling
 - C. Convenience sampling
 - D. Quota sampling
20. Which among the following is NOT an use of frequency distribution?
- A. To get the extent of illegitimate responses
 - B. To get extent of non response
 - C. To detect the absence of extreme cases
 - D. To detect presence of outliers in the distribution
21. The measure of data consistency is _____.
- A. Mean
 - B. Median
 - C. Mode
 - D. Standard deviation

[For the next THREE questions, read the following data

55, 70, 40, 60, 50, 45, 80, 75, 55, 60 are the marks of 10 nursing students in university examination].

22. What is the median of the distribution of marks?
- A. 57.5
 - B. 58.5
 - C. 55
 - D. 60



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23. What is the average score of the students?
- A. 59
 - B. 65
 - C. 60
 - D. 55
24. Calculate the range of the marks distributed.
- A. 18
 - B. 20
 - C. 30
 - D. 40
25. Discussing the restraints & shortfalls in the data collection or the scope of the study is done in which section of the research report?
- A. Problem statement
 - B. Findings of the study
 - C. Limitations of the study
 - D. Conclusions of the study
26. Referencing style used for writing research paper/thesis is _____.
- A. Chinese Psychological Association
 - B. American Psychological Association
 - C. Russian Psychological Association
 - D. Indian Psychological Association
27. The expansion of IPR is _____.
- A. Intelligent property right
 - B. Intelligent property rotation
 - C. Intellectual property rights
 - D. Intellectual proprietary right
28. _____ is the best tool for presenting the data to a large group?
- A. Word document
 - B. MS excel
 - C. MS Powerpoint
 - D. MS outlook



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29. Which of the following is an example for E-Journals database?
- A. International journal of public health
 - B. Indian journal of advanced research
 - C. SCOPUS
 - D. Journal of professionalism
30. WWW stands for_____.
- A. World Wide Web
 - B. World Work Wide
 - C. World Work Web
 - D. World Web Wide
31. The website which acts as a reservoir of Indian thesis is called _____.
- A. SCOPUS
 - B. Web of Science
 - C. Shodhganga
 - D. DOAJ
32. Using someone's work or research without giving proper citation or acknowledgement is called as _____.
- A. Referencing
 - B. Bibliography
 - C. Reviewing
 - D. Plagiarism
33. All are examples of triangulation EXCEPT _____.
- A. Methodological triangulation
 - B. Data triangulation
 - C. Theory triangulation
 - D. Sample triangulation
34. What is the skewness of normal probability curve?
- A. Leptokurtic skewed
 - B. Lardokurtic skewed
 - C. Positively skewed
 - D. Negatively skewed



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35. "12 year old male children are taller than nine year old". This is an example of _____.
- A. Experimental study
 - B. Time series study
 - C. Cross-sectional study
 - D. Vertical study

