



## RESEARCH METHODOLOGY WORKSHOP

<WORLD BANK FUNDED OHEPEE>

(ODISHA HIGHER EDUCATION PROGRAM  
FOR EXCELLENCE AND EQUITY)

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BERHAMPUR UNIVERSITY, ODISHA, INDIA



**Instructions:** There are 23 questions, each having four answers—A, B, C, and D. **Encircle** the correct answer for each question ○ Time: 15 Min

**1. Which comes first—theory or research?**

- A. Theory, because otherwise the researcher is working in the dark
- B. Research, because that is the only way a researcher can develop a theory
- C. It depends on researcher's point of view
- D. The context is irrelevant

**2. Review of literature is carried out to know**

- (i) What is already known about the topic
- (ii) What concepts and theories have been applied to the topic
- (iii) Who are the key researchers in the topic concerned

- A. Only I,    B. Only ii    C. i and ii    D. i, ii, and iii

**3. The deductive approach focuses on**

- A. Specific to general
- B. General to specific
- C. Specific to specific
- D. General to general

**4. Why is data analysis concerned with data reduction?**

- A. Because too much data is collected than is required
- B. Because the researcher needs to make sense of the data
- C. Because of the repetitions in answers to questionnaires
- D. Because the sample size has been exceeded

**5. What is the correct sequence of chapters in a dissertation as per APA style?**

- A. Introduction, Review of Literature, Results, Discussion, Conclusion
- B. Introduction, Review of Literature, Results, Method, Discussion
- C. Introduction, Review of Literature, Method, Results, Discussion

- D. Introduction, Method, Review of Literature, Results, Discussion

**6. If a research is 'reliable', this means that**

- A. The measures devised for concepts are stable on different occasions
- B. The research has been conducted by a reliable researcher who can be trusted
- C. The findings can be generalized to other similar settings
- D. The methods are stated clearly enough for the research to be replicated

**7. Internal validity of an experiment refers to**

- A. Whether or not the findings are relevant to the sample under study
- B. The degree to which the researcher feels that the result of the experiment is true
- C. How accurately the measurements represent underlying concepts
- D. Whether or not there is really a causal relationship between independent and dependent variables

**8. In an experiment, the dependent variable is**

- A. The one that is manipulated in order to observe any effects on the other
- B. A measure of the extent to which personal values affect research
- C. The one that is not manipulated and in which any changes are observed
- D. An ambiguous concept whose meaning depends on how it is defined

**9. For conducting research, you can manage your time and resources best by**

- (i) Working out a timetable
- (ii) Finding out what resources are readily available to you
- (iii) Calculating a budget for likely expenditure

- A. Only i  
B. i and ii  
C. ii and iii  
D. i, ii, and iii

10. An operational definition is
- One that bears no relation to the underlying concept
  - An abstract and theoretical definition of a concept or a construct
  - A definition of a concept in terms of specific empirical measures
  - Defining a concept or construct with its pros and cons
11. Split-half method is used to assess the
- Reliability
  - Validity
  - Internal validity
  - Content validity ratio
12. Generalization is associated with
- Internal validity
  - External validity
  - Internal consistency
  - External reliability
13. The JAMA style of citing resources is generally used in the field of
- Business
  - Psychology
  - Medical science
  - Engineering science
14. Which of the following is the latest edition of the Publication Manual of the American Psychological Association?
- Fourth
  - Fifth
  - Sixth
  - Seventh
15. H-index Indicates
- Citation Measure
  - Rank of Author
  - Plagarism index
  - Author Profile
16. I-10-Index Measures
- Publication cited at least 10 time
  - Publication Performance
  - total number of Publication
  - Total no of Publication
17. Plagiarism indicates
- Coping somebody word phrase
  - Cross reference
  - Stealing hypothesis
  - Publishing others work
18. Hypothesis is formulated basing on the
- Research methods
  - Sampling
  - Results
  - Review of literature
19. Which of the following is true?
- $H_0$  and  $H_A$  are mathematically opposite
  - $H_0$  and  $H_A$  are mathematically equal
  - $H_0$  and  $H_A$  are mathematically not related
  - $H_0$  and  $H_A$  are mathematically orthogonal
20. The quantitative characteristics of population are known as
- Statistics
  - Parameters
  - Measures
  - Variables
21. To draw conclusion about the population, we use
- Descriptive statistics
  - Measures of variability
  - Nonparametric statistics
  - Parametric statistics
22. Which of the following is probability sampling?
- Snowball
  - Purposive
  - Stratified
  - Quota
23. 'What is knowledge?' is related to
- Metaphysics
  - Epistemology
  - Logic
  - Aesthetics

**Answer KEY:**

**1C, 2D, 3B, 4B, 5C, 6A, 7D, 8C, 9D, 10C, 11A, 12B, 13C, 14C, 15A, 16A, 17CD, 15D, 16A, 17B, 18D, 19C, 20B**