



- **Assignments**

1. Collect some titles of research papers/thesis from internet and classify them according to types of research, Discuss how the problems are delineated, how they are relevant to scientific method etc.
2. Identify researchable problems relevant to your context and knowledge disciplines and justify the significance of their study.
3. Development of a research proposal on an identified research problem
4. Preparation, try out and finalization of a tool
5. Identification of variables of a research study and their classification in terms of functions and level of measurement
6. Preparation of a sampling design given the objectives and research questions/hypotheses of a research study
7. Preparation of a review article
8. Use of computers in literature review /review of a dissertation
9. Review of research report
10. Visit to various libraries for reviews
11. Visit to other Research centers to study the previous researches
12. Preparation of questionnaire for micro-level educational survey.
13. Preparation of interview schedule for micro- level educational survey.



**Evaluation:**

- **MCOs**

1. ----- is main part of experimental research
  - (A) Data Analysis
  - (B) Selection of variables
  - (C) Review of Literature
  - (D) Sampling
2. Hypothesis is.....
  - (A) Conclusion drawn from existing literature
  - (B) Interpretation of data
  - (C) Relation between variables
  - (D) Comparison of assumptions
3. Sampling in qualitative research is similar to ..... sampling in quantitative research.
  - (A) Purposive
  - (B) Simple Random
  - (C) Cluster
  - (D) Stratified
4. Assumptions are formulated on the basis of :
  - (A) Sampling
  - (B) Standardization
  - (C) Questionnaire



- (D) Observations
5. Pre-testing of investigative tool is done in the case of :
- (E) Data Analysis
- (F) Questionnaire
- (G) Ethnography
- (H) Observations
6. Aristotle's logical system is known as :
- (A) Inductive
- (B) Deductive
- (C) Deductive-Inductive
- (D) None
7. Data obtained from an Opinionnaire is of ..... category
- (A) Nominal
- (B) Ordinal
- (C) Interval
- (D) Ratio
8. ----- is non-probability method of sampling
- (A) Cluster
- (B) Stratified
- (C) Simple Random
- (D) Purposive
9. Reality for scientific research exists in the :



(A) Protocols

(B) Beliefs

(C) Assumptions

(D) Physical World

(A) Dot plot

10. Identify different word :

(A) Range

(B) Mean

(C) Standard Deviation

(D) Average Deviation

11. The application of scientific knowledge for practical purpose is....

(A) Research

(B) Technology

(C) Qualitative Analysis

(D) Statistics

12. Empirical Research is related to ....

(A) Pure logic

(B) Observation

(C) Critical thinking

(D) Theory

13. Case study is type of ..... research

(A) Qualitative

(B) Quantitative

(C) Survey

(D) None



14. .... testing is used for directional hypothesis.
- ( A) One tailed
  - (B) Two tailed
  - (C) Both A and B
  - (D) None
15. 'Data 'means.....
- ( A) output of computers
  - (B) Input of computer
  - (C) Unprocessed facts and figures
  - (D) All above
16. Which statement is more accurate from the following
- ( A) Artistic research is not research in true sense
  - (B) Artistic research is more complex than scientific research
  - (C) Artistic research is not valid because it is not objective
  - (D) None
17. Significance of hypothesis is tested on ..... level in Social Sciences.
- (A)0.01
  - (B)0.05
  - (C)0.50
  - (D)0.10
18. .... is the main feature of a thesis.
- (A)Reliability
  - (B) Originality
  - (C) Stability
  - (D)Dynamism



19. Hypothesis should be

- ( A) subjective
- (B) Objective
- (C) Testable
- (D) All above

20. The design is selected in experimental research for

- (A) Reliability
- (B) Control of Variables
- (C) Data Analysis structure
- (D) None



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**Wish you all the best!**