

# TOP 200 IMPORTANT QUESTIONS & ANSWERS

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**1. \_\_\_\_\_ is referred to as "the father of research on teaching"?**

- a) N. L. Gage
- b) David Berliner
- c) Egon Brunswik
- d) Donald T. Campbell

Answer: a. N. L. Gage

**2. The main purpose of research in education is to \_\_\_\_\_**

- a) Increase social status of an individual
- b) Increase job prospects of an individual
- c) Help in the personal growth of an individual
- d) Help the candidate become an eminent educationist

Answer: d. Help the candidate become an eminent educationist

**3. \_\_\_\_\_ refers to inferring about the whole population based on the observations made on a small part**

- a) Pseudo-inference
- b) Objective inference
- c) Inductive inference
- d) Deductive inference

Answer: c. Inductive inference

**4. Sampling is advantageous as it \_\_\_\_\_**

- a) Saves time
- b) Helps in capital-saving
- c) Both (a) and (b)
- d) Increases accuracy

Answer: c. Both (a) and (b)

**5. Random sampling is helpful as it is \_\_\_\_\_**

- a) Reasonably accurate
- b) Free from personal biases
- c) An economical method of data collection
- d) All the above

Answer: d. All the above

**6. Tippit table refers to \_\_\_\_\_**

- a) Table of random digits
- b) Table used in sampling methods
- c) Table used in statistical investigations

d) All the above

Answer: d. All the above

**7 . Type-I Error occurs if \_\_\_\_\_**

a) The null hypothesis is rejected even though it is true

b) The null hypothesis is accepted even though it is false

c) Both the null hypothesis as well as alternative hypothesis are rejected

d) None of the above

Answer: a. the null hypothesis is rejected even though it is true

**8. \_\_\_\_\_ is a preferred sampling method for the population with finite size**

a) Systematic sampling

b) Purposive sampling

c) Cluster sampling

d) Area sampling

Answer: a. Systematic sampling

**9. Research and Development become the index of development of country. Which of the following reasons are true with regards to this statement?**

a) Because R&D targets the human development

b) Because R&D can improve the standard of living of the people in a country

c) Because R&D reflect the true economic and social conditions prevailing in a country

d) All the above

Answer: d. All the above

**10. Which of the following is not an essential element of report writing?**

- a. Research Methodology
- b. Reference
- c. Conclusion
- d. None of these

Answer: d. None of these

**11. Testing hypothesis is a \_\_\_\_\_**

- a. Inferential statistics
- b. Descriptive statistics
- c. Data preparation
- d. Data analysis

Answer: a. inferential statistics

**12. Is it possible to apply projective techniques for exploratory investigation?**

- a. Yes
- b. No

Answer: a. Yes

**13. What is the purpose of doing research?**

- a. To identify problem
- b. To find the solution
- c. Both a and b

d. None of these

Answer: c. Both a and b

**14. Which method can be applicable for collecting qualitative data?**

a. Artifacts (Visual)

b. People

c. Media products (Textual, Visual and sensory)

d. All of these

Answer: d. All of these

**15. Which of the following is non-probability sampling?**

a. Snowball

b. Random

c. Cluster

d. Stratified

Answer: a. Snowball

**16. In group interview there are \_\_\_\_\_**

a. One interviewer and one interviewee

b. More than one interviewer and one interviewee

c. One interviewer and more than one interviewee

d. More than One interviewer and more than one interviewee

Answer: c. one interviewer and more than one interviewee

**17. Which of the following are associated with behavioral observation?**

- a. Non-verbal analysis
- b. Linguistic analysis
- c. spatial analysis
- d. All of these

Answer: d. All of these

**18. Uniting various qualitative methods with quantitative methods can be called as.....**

- a. Coalesce
- b. Triangulation
- c. Bipartite
- d. Impassive

Answer: b. Triangulation

**19. Multistage sampling is a \_\_\_\_\_**

- a. Probability sampling
- b. Non-Probability sampling

Answer: a. Probability sampling

**20. Hypothesis is.....**

- a) Conclusion drawn from existing literature
- b) Interpretation of data
- c) Relation between variables

d) Comparison of assumptions

Answer: (B) Interpretation of data

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**21. In which of the following research methodologies, manipulation and control of variables and randomization of sample are 2 of the basic necessities.....**

- a) Ex-post facto research
- b) Descriptive research
- c) Case study research
- d) Experimental research

Answer: (d) Experimental research

**22. Which one of the following is the main feature of qualitative research?.....**

- a) Avoids positivist assumptions and data analysis
- b) Subscribe to pre-existing categories
- c) Collects data in numerical form
- d) Uses the empirical methods of data analysis

Answer: (a) Avoids positivist assumptions and data analysis

**23. Which of the following methodology is being used in empirical researches? .....**

- a) Inductive method

- b) Deductive method
- c) Initiative method
- d) Scientific method

Answer: (d) Scientific method

**24. Which technique is generally followed when a population is finite? .....**

- a) Purpose sampling technique
- b) Area sampling technique
- c) Systematic sampling technique
- d) None of the above

Answer: (c) Systematic sampling technique

**25. In which of the following, there is a greater flexibility in both the methodologies and process of research? .....**

- a) Ethnography and phenomenology
- b) Descriptive survey and impact studies
- c) Experimental and observation based studies
- d) Ex-post facto and historical studies

Answer: (a) Ethnography and phenomenology

**26. Which of the following sequences correctly represents the steps of research using a quantitative paradigm? .....**

- a) Hypothesis framing, hypothesis testing, conclusion, and reporting
- b) Establishing a research problem, hypothesis framing, hypothesis testing, generalization and conclusions and implications of result.



- c) Problem identification, sample selection, developing a research design and field work.
- d) Defining a problem, survey of related studies, sampling, data collection, and data analysis.

Answer: (b) Establishing a research problem, hypothesis framing, hypothesis testing, generalization and conclusions and implications of result.

**27. A researcher administers an achievement test to assess and indicate the possible effect of an independent variable in his/her study. The distribution of scores on the test is found to be negatively skewed. On the basis of this, what can be started with regard to the difficulty level of the test? .....**

- a) The test is very easy
- b) The test is very difficult
- c) The test is neither easy nor difficult
- d) The test is easy and needs normalization

Answer: (a) The test is very easy

**28. The personalized and contextualized references are permissible in which type of reporting of researches? .....**

- a) Experimental research
- b) Historical research
- c) Ethnographic research
- d) Survey based research

Answer: (c) Ethnographic research

**29. In which of the following methodology of research, hypotheses are usually implied rather than being explicit? .....**

- a) Descriptive survey method

- b) Historical method
- c) Experimental method
- d) Ex-post facto method

Answer: (b) Historical method

**30. Which is the research methodology predominantly used to study cultural anthropology? .....**

- a) Interview
- b) Panel discussion
- c) Participant observation
- d) Focus group discussion

Answer: (c) Participant observation

**31. Which among the following is NOT related to qualitative research? .....**

- a) Thematic analysis
- b) Case study
- c) Discourse analysis
- d) Survey method

Answer: (d) Survey method

**32. Experimental researches are aimed to.....**

- a) Establish association between variables
- b) Describe variables
- c) Study the application of theory

d) Study trend analysis

Answer: (a) Establish association between variables

**33. Through which of the following methodologies of research “cause and effect” relationship is focused?**

a) Historical method

b) Experimental method

c) Ex-post facto method

d) Case study method

Answer: (b) Experimental method

**34. Quantitative research is otherwise known as .....**

a) Ethnographic approach

b) Unstructured approach

c) Descriptive approach

d) Structured approach

Answer: (d) Structured approach

**35. The main purpose of research in education is to.....**

a) Increase social status of an individual

b) Increase job prospects of an individual

c) Help in the personal growth of an individual

d) Help the candidate become an eminent educationist

Answer: (d) Help the candidate become an eminent educationist

**36. Sampling is advantageous as it.....**

- a) Saves time
- b) Helps in capital-saving
- c) Both (a) and (b)
- d) Increases accuracy

Answer: (c) Both (a) and (b)

**37. Random sampling is helpful as it is.....**

- a) Reasonably accurate
- b) Free from personal biases
- c) An economical method of data collection
- d) All of the above

Answer: (d) All of the above

**38. ----- refers to inferring about the whole population on the basis of the observations made on a small part**

- a) Pseudo-inference
- b) Objective inference
- c) Inductive inference
- d) Deductive inference

Answer: (c) Inductive inference

**39. Different people hold ----- of the same thing**

- a) Same and different
- b) Same

- c) Different
- d) None of the above

Answer: (c) Different

**40. In “RESEARCH” “R” means.....**

- a) Role
- b) Retain
- c) Relly
- d) Round

Answer: (b) Retain

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**41. In which research methodology, manipulation of independent variable and control of extraneous variables are neither possible nor desirable? .....**

- a) Experimental method
- b) Ex post facto method
- c) Historical method
- d) Descriptive survey method

Answer: (b) Ex post facto method

**42. Which of the following is a non-probability sample?**

- a) Quota sample
- b) Simple random sample

- c) Purposive sample
- d) (a) and (c) both

Answer: (d) (a) and (c) both

**43. A researcher selects a probability sample of 100 out of the total population. It is .....**

- a) A cluster sample
- b) A random sample
- c) A systematic sample
- d) A stratified sample

Answer: (b) A random sample

**44. A good hypothesis must be .....**

- a) Formulated in such a way that it can be tested by the data
- b) Precise, specific, and consistent with most known facts
- c) Of limited scope and must not have global significance
- d) All of the above

Answer: (d) All of the above

**45. Field study is related to .....**

- a) Real life situations
- b) Laboratory situations
- c) Experimental situations
- d) None of the above

Answer: (a) Real life situations

**46. In the word “RESEARCH” “A” means.....**

- a) Articulate
- b) Artist
- c) Article
- d) None of the above

Answer: (a) Articulate

**47. Research is based upon .....**

- a) Rating scale
- b) Experiments
- c) General principles
- d) Scientific methods

Answer: (d) Scientific methods

**48. The main condition which must be followed by research is .....**

- a) Honest exploration
- b) Knowledge of facts and principles
- c) Standardized findings and conclusions
- d) All of the above

Answer: (d) All of the above

**49. Researches are generally treated as “identity symbols” of a nation because, .....**

- a) Researches reflect the progress of a nation

- b) Researches focus on human development
- c) Researches help in acquiring international prestige
- d) All of the above

Answer: (d) All of the above

**50. Validity of a research can be improved by .....**

- a) Taking the true representative sample of the population
- b) Eliminating extraneous factors
- c) Both of the above measures
- d) None of the above

Answer: (c) Both of the above measures

**51. “One of the methods of logical reasoning process” is called**

- a) Induction
- b) Deduction
- c) Research
- d) Experiment

Answer: d) Experiment

**52. An essential Criterion of Scientific study is called**

- a) Belief
- b) Value
- c) Objectivity
- d) Subjective



Answer: c) Objectivity

**53. “Reasoning from general to particular “is called**

- a) Induction
- b) deduction
- c) Observation
- d) experience

Answer: b) deduction

**54. “Deduction and induction are a part of the system of reasoning” – stated by**

- a) Caroline
- b) P.V.Young
- c) Dewey John
- d) Emory

Answer: b) P.V.Young

**55. .... is “systematically conceptual structure of interrelated elements in some schematic form”**

- a) Concept
- b) Variable
- c) Model
- d) Facts

Answer: c) Model

**56. The method by which a sample is chosen**

- a) Unit
- b) design
- c) Random
- d) Census

Answer: b) design

**57. Research conducted to find the solution for an immediate problem is .....**

- a) Fundamental Research
- b) Analytical Research
- c) Survey
- d) Action Research

Answer: d) Action Research

**58. Fundamental Research is otherwise called**

- a) Action Research
- b) Survey
- c) Pilot study
- d) Pure Research

Answer: d) Pure Research

**59. Research which follows a case study method is called**

- a) Clinical or diagnostic

- b) Causal
- c) Analytical
- d) Qualitative

Answer: a) Clinical or diagnostic

**60. Research through experiment and observation is called**

- a) Clinical Research
- b) Experimental Research
- c) Laboratory Research
- d) Empirical Research

Answer: d) Empirical Research

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**61. ....is a way to systematically solve the research problem**

- a) Technique
- b) Operations
- c) Research methodology
- d) Research Process

Answer: c) Research methodology

**62. Good Research is always .....**

- a) Slow
- b) Fast
- c) Narrow
- d) Systematic

Answer: d) Systematic

**63. The research method is a part of .....**

- a) Problem
- b) Experiment
- c) Research Techniques
- d) Research methodology

Answer: d) Research methodology

**64. Identifying causes of a problem and possible solutions to a problem is**

- a) Field Study
- b) diagnostic study
- c) Action study
- d) Pilot study

Answer: b) diagnostic study

**65. .... is a motivation for research in students**

- a) Research degree

- b) Research Academy
- c) Research Labs
- d) Research Problems

Answer: a) Research degree

**66. Which of the following is an example of primary data?**

- a) Book
- b) Journal
- c) News Paper
- d) Census Report

Answer: c) News Pape

**67. A question which requires a solution is .....**

- a) Observation
- b) Problem
- c) Data
- d) Experiment

Answer: b) Problem

**68. Converting a question into a Researchable problem is called .....**

- a) Solution
- b) Examination

- c) Problem formulation
- d) Problem-Solving

Answer: d) Problem-Solving

**69. The first step in formulating a problem is**

- a) a Statement of the problem
- b) Gathering of Data
- c) Measurement
- d) Survey

Answer: a) a Statement of the problem

**70. A Hypothesis which develops while planning the research is**

- a) a Null Hypothesis
- b) a Working Hypothesis
- c) a Relational Hypothesis
- d) a Descriptive Hypothesis

Answer: a) Null Hypothesis

**71. An image, perception, or concept that is capable of measurement is called\_\_\_\_\_**

- a) Scale.
- b) Hypothesis.
- c) Type.
- d) Variable

Answer: d) Variable

**72. What are the conditions in which Type-I error occurs?**

- a) The null hypothesis get accepted even if it is false
- b) The null hypothesis gets rejected even if it is true
- c) Both the null hypotheses as well as alternative hypotheses are rejected
- d) None of the above

Answer: b) The null hypothesis gets rejected even if it is true

**73. In order to pursue the research, which of the following is priory required?**

- a) Developing a research design
- b) Formulating a research question
- c) Deciding on the data analysis procedure
- d) Formulating a research hypothesis

Answer: b) Formulating a research question

**74. How to judge the depth of any research?**

- a) By research title
- b) By research duration
- c) By research objectives
- d) By total expenditure on research

Answer: c) By research objectives

**75. Which of the following is not the method of Research?**

- a) Survey
- b) Historical
- c) Observation
- d) Observation

Answer: c) Observation

**76. Research is**

- a) Searching again and again
- b) Finding solution to any problem
- c) Working in a scientific way to search for truth of any problem
- d) None of the above

Answer: c) Working in a scientific way to search for the truth of any problem

**77. In the process of conducting research ‘Formulation of Hypothesis’ is followed by**

- a) Statement of Objectives
- b) Analysis of Data
- c) Selection of Research Tools
- d) Collection of Data

Answer: c) Selection of Research Tools

**78..... is concerned with discovering and testing certain variables with respect to their association or disassociation**

- a) Exploratory



- b) Descriptive
- c) Diagnostic
- d) Descriptive and diagnostic

Answer: c) Diagnostic

**79. The main objective of .....studies to acquire knowledge**

- a) Exploratory
- b) Descriptive
- c) Diagnostic
- d) Descriptive and Diagnostic

Answer: B) Descriptive

**80. One of the terms given below is defined as a bundle of meanings or characteristics associated with certain events, objects, conditions, situations, and the like**

- a) Construct
- b) Definition
- c) Concept
- d) Variable

Answer: c) Concept

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81. Concepts are ..... of Research

- a) Guide
- b) Tools
- c) Methods
- d) Variables

Answer: b) Tools

**82. Concept is of two types**

- a) Abstract and Coherent
- b) Concrete and Coherent
- c) Abstract and concrete
- d) None of the above

Answer: c) Abstract and concrete

**83. Why do you need to review the existing literature?**

- a) To make sure you have a long list of references
- b) Because without it, you could never reach the required word-count
- c) To find out what is already known about your area of interest
- d) To help in your general studying

Answer: c) To find out what is already known about your area of interest

**84. What do you mean by Unit of Analysis?**

- a) Main parameter
- b) Variables

c) Sample

d) Constructs

Answer: a) Main parameter

**85. A statement of the quantitative research question should:**

a) Extend the statement of purpose by specifying exactly the question (s the researcher will address

b) Help the research in selecting appropriate participants, research methods, measures, and materials

c) Specify the variables of interest

d) All the above

Answer: d) All the above

**86. "Sampling Cases" can be defined as**

(a) Sampling using a sampling frame

(b) Identifying people who are suitable for research

(c) Literally the researcher's brief case

(d) A sampling of people, newspapers, television programs etc.

Answer: (d) A sampling of people, newspapers, television programs etc.

**87. Survey is a ..... Study**

a) Descriptive

b) Fact finding

c) Analytical

d) Systematic

Answer: b) Fact finding

**88. In a survey there is an enumerator and a .....**

- a) Guide
- b) Respondent
- c) Supervisor
- d) Messenger

Answer: b) Respondent

**89. The first purpose of a survey is to .....**

- a) Description
- b) Evaluation
- c) Pration
- d) Provide Information

Answer: d) Provide Information

**90. Questions in which only two alternatives are possible is called**

- b) Multiple-choice questions
- c) Dichotomous questions
- d) Open-ended questions
- e) Structured questions

Answer: b) Dichotomous questions

**91. What are the core elements of a Research Process?**

- a) Introduction; Data Collection; Data Analysis; Conclusions and Recommendations
- b) Executive Summary; Literature Review; Data Gathered; Conclusions; Bibliography
- b) Research Plan; Research Data; Analysis; References
- c) Introduction; Literature Review; Research Methodology; Results; Discussions and Conclusions

Answer: d) Introduction; Literature Review; Research Methodology; Results; Discussions and Conclusions

**92. Identifying the causes of a problem and possible solutions to a problem is**

- a) Field Study
- b) Diagnostic study
- c) Action study
- d) Pilot study

Answer: b) Diagnostic study

**93. Second step in problem formulation is**

- a) Statement of the problem
- b) Understanding the nature of the problem
- c) Survey
- d) Discussions

Answer: b) Understanding the nature of the problem

**94. Questionnaire is filled by .....**

- b) Respondent
- c) Everybody
- d) Enumerator
- e) None of the above

Answer: b) Respondent

**95. The main problem with the questionnaire is**

- a) Accessible to Diverse Respondents
- b) Greater Anonymity
- c) Shows an inability of the respondent to provide information
- d) None of these

Answer: c) Shows an inability of the respondent to provide information

**96. What does the term 'longitudinal design' mean?**

- a) A study completed far away from where the researcher lives.
- b) A study that is very long to read.
- c) A study with two contrasting cases.
- d) A study completed over a distinct period of time to map changes in social phenomena.

Answer: d) A study completed over a distinct period of time to map changes in social phenomena.

**97. Which of the following is true regarding research objectives?**

- a) Research objectives, when achieved, will provide sufficient earnings to obtain a reasonable return on investment.

b) Research objectives, when obtained, will ensure the viability of the marketing research department.

c) Research objectives, when achieved, provide the information necessary to solve the problem.

d) Research objectives are seldom achieved but should be stated as goals to be sought.

Answer: c) Research objectives, when achieved, provide the information necessary to solve the problem.

**98. Wrong questionnaire is an example of .....**

a) Primary data collection problem

b) Secondary collection problem

c) A and B both

d) None of the above

Answer: a) Primary data collection problem

**99. The existing company information is an example of which data?**

a) Primary

b) Secondary

c) Both a and b

d) None of the above

Answer: b) Secondary

**100. Your colleague is confused about using the marketing research process, as he knows that something is wrong but is not sure of the specific causes to investigate. He seems to be having problems with \_\_\_\_\_, which is often the hardest step to take.**

- a) Developing the research plan
- b) Determining a research approach
- c) Defining the problem and research objectives
- d) Selecting a research agency

Answer: c) Defining the problem and research objectives

**101. The research that applies the laws at the time of field study to draw more and more clear ideas about the problem is:**

- (a) Applied research
- (b) Action research
- (c) Experimental research
- (d) None of these

Answer: (a) Applied research

**102. Which of the following sampling methods is appropriate to study the prevalence of AIDS amongst males and females in India in 1976, 1986, 1996, and 2006?**

- (a) Cluster sampling
- (b) Systematic sampling
- (c) Quota sampling
- (d) Stratified random sampling

Answer: (b) Systematic sampling



**103. Field-work-based research is classified as**

- (a) Empirical
- (b) Historical
- (c) Experimental
- (d) Biographical

Answer: (a) Empirical

**104. Formulation of hypothesis may NOT be required in**

- (a) Survey method
- (b) Historical studies
- (c) Experimental studies
- (d) Normative studies

Answer: (b) Historical studies

**105. Which one is called non-probability sampling?**

- (a) Cluster sampling
- (b) Quota sampling
- (c) Systematic sampling
- (d) Stratified random sampling

Answer: (b) Quota sampling

**106. The experimental study is based on**

- (a) The manipulation of variables
- (b) Conceptual parameters

(c) Replication of research

(d) Survey of literature

Answer: (a) The manipulation of variables

**107. Which of the following statements is correct?**

(a) Reliability ensures the validity

(b) Validity ensures reliability

(c) Reliability and validity are independent of each other

(d) Reliability does not depend on objectivity

Answer: (c) Reliability and validity are independent of each other

**108. Which of the following statements is correct?**

(a) Objectives of research are stated in the first chapter of the thesis

(b) Researcher must possess analytical ability

(c) Variability is the source of the problem

(d) All the above

Answer: (d) All the above

**109. The first step of research is**

(a) Selecting a problem

(b) Searching a problem

(c) Finding a problem

(d) Identifying a problem

Answer: (d) Identifying a problem

**110. Research can be classified as**

- (a) Basic, Applied and Action Research
- (b) Philosophical, Historical, Survey and Experimental Research
- (c) Quantitative and Qualitative Research
- (d) All the above

Answer: (d) All the above

**111. To test the null hypothesis, a researcher uses**

- (a) t-test
- (b) ANOVA
- (c) X<sup>2</sup>
- (d) factorial analysis

Answer: (b) ANOVA

**112. Bibliography given in a research report**

- (a) shows a vast knowledge of the researcher
- (b) helps those interested in further research
- (c) has no relevance to research
- (d) all the above

Answer: (b) helps those interested in further research

**113. A research problem is feasible only when**

- (a) it has utility and relevance

- (b) it is researchable
- (c) it is new and adds something to the knowledge
- (d) all the above

Answer: (d) all the above

**114. The study in which the investigators attempt to trace an effect is known as**

- (a) Survey Research
- (b) Summative Research
- (c) Historical Research
- (d) 'Ex-post Facto' Research

Answer: (d) 'Ex-post Facto' Research

**115. A generalized conclusion based on a sample is technically known as**

- (a) Data analysis and interpretation
- (b) Parameter inference
- (c) Statistical inference
- (d) All of the above

Answer: (a) Data analysis and interpretation

**116. Fundamental research reflects the ability to**

- (a) Synthesize new ideals
- (b) Expound new principles
- (c) Evaluate the existing material concerning research

(d) Study the existing literature regarding various topics

Answer: (b) Expound new principles

**117. The main characteristics of scientific research are**

(a) empirical

(b) theoretical

(c) experimental

(d) all of the above

Answer: (d) all of the above

**118. The authenticity of a research finding is its**

(a) Originality

(b) Validity

(c) Objectivity

(d) All of the above

Answer: (c) Objectivity

**119. Which technique is generally followed when the population is finite?**

(a) Area Sampling Technique

(b) Purposive Sampling Technique

(c) Systematic Sampling Technique

(d) None of the above

Answer: (c) Systematic Sampling Technique

**120. The research problem is selected from the standpoint**

- (a) Researcher's interest
- (b) Financial support
- (c) Social relevance
- (d) Availability of relevant literature

Answer: (c) Social relevance

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**121. The research intends to explore the possible factors that contribute to the organization of effective mid-day meal interventions. Which research method will be most appropriate for this study?**

- (a) Descriptive survey method
- (b) Historical method
- (c) Ex-post facto method
- (d) Experimental method

Answer: (c) Ex-post facto method

**122. Research is**

- (a) Searching again and again
- (b) Finding a solution to any problem
- (c) Working scientifically to search for the truth of any problem
- (d) None of the above

Answer: (c) Working scientifically to search for the truth of any problem

**123. A common test in research demands much priority on**

- (a) Reliability
- (b) Usability
- (c) Objectivity
- (d) All of the above

Answer: (d) All of the above

**124. Which of the following is the first step in starting the research process?**

- (a) Searching sources of information to locate the problem.
- (b) Survey of related literature
- (c) Identification of the problem
- (d) Searching for solutions to the problem

Answer: (c) Identification of the problem

**125. Which of the following statements is correct?**

- (a) Reliability ensures the validity
- (b) Validity ensures reliability
- (c) Reliability and validity are independent of each other
- (d) Reliability does not depend on objectivity

Answer: (c) Reliability and validity are independent of each other

**126. Which of the following indicates evaluation?**

- (a) Ram got 45 marks out of 200
- (b) Mohan got 38 percent marks in English

(c)Shyam got First Division in the final examination

(d)All the above

Answer: (d)All the above

**127. Research can be conducted by a person who?**

(a)has studied research methodology

(b)holds a postgraduate degree

(c)possesses thinking and reasoning ability

(d)is a hard worker

Answer: (a)has studied research methodology

**128. Which of the following statements is correct?**

(a)Objectives of research are stated in the first chapter of the thesis

(b)Researcher must possess analytical ability

(c)Variability is the source of the problem

(d)All the above

Answer: (d)All the above

**129. Which of the following is not the Method of Research?**

(a)Observation

(b)Historical

(c)Survey

(d)Philosophical

Answer: (a)Observation



**130. Research can be classified as**

- (a) Basic, Applied and Action Research
- (b) Quantitative and Qualitative Research
- (c) Philosophical, Historical, Survey and Experimental Research
- (d) All the above

Answer: (d) All the above

**131. The first step of research is:**

- (a) Selecting a problem
- (b) Searching for a problem
- (c) Finding a problem
- (d) Identifying a problem

Answer: (d) Identifying a problem

**132. To test the null hypothesis, a researcher uses:**

- (a) t-test
- (b) ANOVA
- (c)  $\chi^2$
- (d) factorial analysis

Answer: (b) ANOVA

**133. A research problem is feasible only when:**

- (a) it has utility and relevance

- (b)it is researchable
- (c)it is new and adds something to the knowledge
- (d)all the above

Answer: (d)all the above

**134. Bibliography given in a research report:**

- (a)shows a vast knowledge of the researcher
- (b)helps those interested in further research
- (c)has no relevance to research
- (d)all the above

Answer: (b)helps those interested in further research

**135. Fundamental research reflects the ability to:**

- (a) Synthesize new ideals
- (b) Expound new principles
- (c) Evaluate the existing material concerning research
- (d) Study the existing literature regarding various topics

Answer: (b)Expound new principles

**136. The study in which the investigators attempt to trace an effect is known as:**

- (a) Survey Research
- (b) 'Ex-post Facto' Research
- (c) Historical Research

(d) Summative Research

Answer: (b) 'Ex-post Facto' Research

**137. Generalized conclusion on the basis of a sample is technically known as:**

(a) Data analysis and interpretation

(b) Parameter inference

(c) Statistical inference

(d) All of the above

Answer: (a) Data analysis and interpretation

**138. The experimental study is based on:**

(a) The manipulation of variables

(b) Conceptual parameters

(c) Replication of research

(d) Survey of literature

Answer: (a) The manipulation of variables

**139. The main characteristics of scientific research are:**

(a) empirical

(b) theoretical

(c) experimental

(d) all of the above

Answer: (d) All of the above

**140. The authenticity of a research finding is its:**

(a) Originality

(b) Validity

(c) Objectivity

(d) All of the above

Answer: (c) Objectivity

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**141. Which technique is generally followed when the population is finite?**

(a) Area Sampling Technique

(b) Purposive Sampling Technique

(c) Systematic Sampling Technique

(d) None of the above

Answer: (c) Systematic Sampling Technique

**142. The research problem is selected from the standpoint of:**

(a) Researcher's interest

(b) Financial support

(c) Social relevance

(d) Availability of relevant literature

Answer: (c) Social relevance

**143. Formulation of hypothesis may NOT be required in:**

(a) Survey method

- (b) Historical studies
- (c) Experimental studies
- (d) Normative studies

Answer: (b) Historical studies

**144. Field-work-based research is classified as:**

- (a) Empirical
- (b) Historical
- (c) Experimental
- (d) Biographical

Answer: (a) Empirical

**145. Which of the following sampling methods is appropriate to study the prevalence of AIDS amongst males and females in India in 1976, 1986, 1996, and 2006?**

- (a) Cluster sampling
- (b) Systematic sampling
- (c) Quota sampling
- (d) Stratified random sampling

Answer: (b) Systematic sampling

**146. The research is always -**

- (a) verifying the old knowledge
- (b) exploring new knowledge

(c) filling the gap between knowledge

(d) all of these

Answer: (d) All of these

**147. The research that applies the laws at the time of field study to draw more and more clear ideas about the problem is:**

(a) Applied research

(b) Action research

(c) Experimental research

(d) None of these

Answer: (c) Experimental research

**148. When a research problem is related to a heterogeneous population, the most suitable sampling method is:**

(a) Cluster Sampling

(b) Stratified Sampling

(c) Convenient Sampling

(d) Lottery Method

Answer: (b) Stratified Sampling

**149. The process not needed in experimental research is:**

(a) Observation

(b) Manipulation and replication

(c) Controlling

(d) Reference collection

Answer: (a) Observation

**150. A research problem is not feasible only when**

- (a) it is researchable
- (b) it is new and adds something to the knowledge
- (c) it consists of independent and dependent variables
- (d) it has utility and relevance

Answer: (c) it consists of independent and dependent variables

**151. How can the objectivity of the research be enhanced?**

- (a) Through its impartiality
- (b) Through its reliability
- (c) Through its validity
- (d) All of these

Answer: (d) All of these

**152. Action-research is**

- (a) An applied research
- (b) research carried out to solve immediate problems
- (c) A longitudinal research
- (d) All the above

Answer: (b) research carried out to solve immediate problems

**153. The basis on which assumptions are formulated**

- (a) Cultural background of the country
- (b) Universities

- (c) Specific characteristics of the castes
- (d) All of these

Answer: (a) Cultural background of the country

**154. Which of the following is classified in the category of developmental research?**

- (a) Philosophical research
- (b) Action research
- (c) Descriptive research
- (d) All the above

Answer: (d) All the above

**155. We use Factorial Analysis:**

- (a) To know the relationship between two variables
- (b) To test the Hypothesis
- (c) To know the difference between two variables
- (d) To know the difference among the many variables

Answer: (c) To know the difference between two variables

**156. A null hypothesis is**

- (a) when there is no difference between the variables
- (b) the same as the research hypothesis
- (c) subjective in nature
- (d) when there is a difference between the variables



Answer: (a) When there is no difference between the variables

**157. The research that explores new facts through the study of the past is called**

- (a) Philosophical research
- (b) Historical research
- (c) Mythological research
- (d) Content analysis

Answer: (b) Historical research

**158. Manipulation is always a part of**

- (a) Historical research
- (b) Fundamental research
- (c) Descriptive research
- (d) Experimental research

Answer: (c) Descriptive research

**159. Which correlation coefficient best explains the relationship between creativity and intelligence?**

- (a) 1.00
- (b) 0.6
- (c) 0.5
- (d) 0.3

Answer: (a) 1.00

**160. Research is**

- (a) Searching again and again
- (b) Finding a solution to any problem
- (c) Working scientifically to search for the truth of any problem
- (d) None of the above

Answer: (c) Working scientifically to search for the truth of any problem

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**161. A common test in research demands much priority on**

- (a) Reliability
- (b) Useability
- (c) Objectivity
- (d) All of the above

Answer: (d) All of the above

**162. Which of the following is the first step in starting the research process?**

- (a) Searching sources of information to locate the problem.
- (b) Survey of related literature
- (c) Identification of the problem
- (d) Searching for solutions to the problem

Answer: (a) Searching sources of information to locate the problem.

**163. What is the major attribute of Correlation Analysis?**

- (a) Association among variables
- (b) Difference among variables
- (c) Regression among variables
- (d) Variations among variables

Answer: (a) Association among variables

**164. What is the name of the conceptual framework in which the research is carried out?**

- (a) Research hypothesis
- (b) Synopsis of Research
- (c) Research paradigm
- (d) Research design

Answer: (d) Research design

**165. Which of the following features are considered critical in qualitative research?**

- (a) Collecting data with the help of standardized research tools.
- (b) Design sampling with probability sample techniques.
- (c) Collecting data with bottom-up empirical evidence.
- (d) Gathering data with top-down schematic evidence.

Answer: (c) Collecting data with bottom-up empirical evidence.

**166. How is random sampling helpful?**

- (a) Reasonably accurate

- (b) An economical method of data collection
- (c) Free from personal biases
- (d) All of the above

Answer: (d) All of the above

**167. The research is always**

- (a) verifying the old knowledge
- (b) exploring new knowledge
- (c) filling the gap between knowledge
- (d) all of these

Answer: (d) all of these

**168. Tippit table refers to as \_\_\_\_\_**

- (a) Table of random digits
- (b) The table used in sampling methods
- (c) The table used in statistical investigations
- (d) All of the above

Answer: (d) All of the above

**169. To pursue the research, which of the following is priorly required?**

- (a) Developing a research design
- (b) Formulating a research question
- (c) Deciding on the data analysis procedure
- (d) Formulating a research hypothesis

Answer: (b) Formulating a research question

**170. Which of the following does not correspond to the characteristics of research?**

- (a) Research is not passive
- (b) Research is systematic
- (c) Research is not a problem-oriented
- (d) Research is not a process

Answer: (d) Research is not a process

**171. What is the main aim of interdisciplinary research?**

- (a) To oversimplify the problem of research
- (b) To bring out the holistic approach to research
- (c) To create a new trend in research methodology
- (d) To reduce the emphasis on a single subject in the research domain

Answer: (b) To bring out the holistic approach to research

**172. A researcher is interested in studying the prospects of a particular political party in an urban area. So, what tool should he prefer for the study?**

- (a) Rating Scale
- (b) Interview
- (c) Questionnaire
- (d) Schedule

Answer: (c) Questionnaire

**173. The conclusions/findings of which type of research cannot be generalized to other situations?**

- (a) Casual Comparative Research
- (b) Historical Research
- (c) Descriptive Research
- (d) Experimental Research

Answer: (b) Historical Research

**174. How to judge the depth of any research?**

- (a) By research title
- (b) By research duration
- (c) By research objectives
- (d) By total expenditure on research

Answer: (c) By research objectives

**175. Who can successfully conduct Research?**

- (a) Someone who is a hard worker
- (b) Possesses post-graduation degree
- (c) Has studied research methodology
- (d) Possesses thinking and reasoning ability

Answer: (c) Has studied research methodology

**176. Which of the following is not the method of Research?**

- (a) Survey
- (b) Historical

(c) Observation

(d) Philosophical

Answer: (c) Observation

**177. Circle graphs are used to show**

(a) How is one part related to other parts?

(b) How various sections share in the whole?

(c) How is one whole related to another whole?

(d) How are various parts related to the whole?

Answer: (d) How are various parts related to the whole?

**178. Authenticity of a research finding is its**

(a) Validity

(b) Objectivity

(c) Originality

(d) All of the above

Answer: (b) Objectivity

**179. Which one is called non-probability sampling?**

(a) Quota sampling

(b) Cluster sampling

(c) Systematic sampling

(d) Stratified random sampling

Answer: (a) Quota sampling

**180. On what basis did Jean Piaget give his theory of cognitive development of humans?**

- (a) Evaluation Research
- (b) Fundamental Research
- (c) Applied Research
- (d) Action Research

Answer: (b) Fundamental Research

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**181. A formal document that presents the research objectives, the design of achieving these objectives, and the expected outcomes/deliverables of the study is called**

- a) Research design
- b) Research proposal
- c) Research hypothesis
- d) Research report

Answer: B) Research proposal

**182. Which technique is generally followed when the population is finite?**

- (a) Systematic Sampling Technique
- (b) Purposive Sampling Technique
- (c) Area Sampling Technique



(d) None of the above

Answer: (a) Systematic Sampling Technique

**183. The F-test**

(a) Is essentially a two-tailed test.

(b) Is essentially a one-tailed test.

(c) Can be one-tailed as well as two-tailed depending on the hypotheses.

(d) Can never be one tailed test.

Answer: (c) Can be one-tailed as well as two-tailed depending on the hypotheses

**184. Which one among the following is the most comprehensive source of population data?**

(a) Census

(b) National Sample Surveys

(c) Demographic Health Surveys

(d) National Family Health Surveys

Answer: (a) Census

**185. The process not needed in experimental research is**

(a) Controlling

(b) Observation

(c) Reference collection

(d) Manipulation and replication

Answer: (b) Observation

**186. What are those conditions where a research problem is not viable?**

- (a) It is new and adds something to knowledge
- (b) It can be researched
- (c) It has utility and relevance
- (d) It contains dependent and independent variables

Answer: (d) It contains dependent and independent variables

**187. How can we enhance the research objective?**

- (a) By making it more valid
- (b) By making it more reliable
- (c) By making it more impartial
- (d) All of the above

Answer: (d) All of the above

**188. Action-research can be understood as \_\_\_\_\_**

- (a) A longitudinal research
- (b) An applied research
- (c) A kind of research being carried out to solve a specific problem
- (d) All of the above

Answer: (c) A kind of research being carried out to solve a specific problem

**189. On what basis can one formulate the assumptions?**

- (a) The cultural background of the country
- (b) Universities

- (c) Some specific characteristics of castes
- (d) All of the above

Answer: (a) The cultural background of the country

**190. Descriptive Research**

- (a) Descriptive Research
- (b) Philosophical Research
- (c) Action Research
- (d) All of the above

Answer: (d) All of the above

**191. What is the use of Factorial Analysis?**

- (a) For setting the hypotheses
- (b) To understand the difference between two variables
- (c) To understand the relationship between two variables
- (d) To understand the difference between various variables

Answer: (b) To understand the difference between two variables

**192. Why do you need to review the existing literature?**

- (a) To make sure you have a long list of references
- (b) Because without it, you could never reach the required word-count
- (c) To find out what is already known about your area of interest
- (d) To help in your general studying

Answer: (b) To find out what is already known about your area of interest

**193. What is the best-suited name for a process that doesn't necessitate experimental research?**

- (a) Manipulation
- (b) Controlling
- (c) Content analysis
- (d) Observation

Answer: (a) Manipulation

**194. Which one among the following variables cannot be expressed in quantitative terms?**

- (a) Numerical Aptitude
- (b) Marital Status
- (c) Socio-economic Status
- (d) Professional Attitude

Answer: (d) Professional Attitude

**195. The "Sociogram" technique is used to study**

- (a) Vocational Interest
- (b) Human Relations
- (c) Professional Competence
- (d) Achievement Motivation

Answer: (b) Human Relations

**196. Which one among the following phrases does not correspond to the**

**meaning of research as a process?**

- (a) Problem-Solving
- (b) Trial and Error
- (c) Objective Observation
- (d) Systematic Activity

Answer: (c) Objective Observation

**197. What section of a research proposal provides an overview of the entire research study in a concise manner?**

- (a) Abstract
- (b) Literature review
- (c) Methodology
- (d) Conclusion

Answer: (a) Abstract

**198. What is a common element in a research proposal's "methodology" section?**

- (a) The participant recruitment process
- (b) The results and conclusions of the research study
- (c) The theoretical framework for the research study
- (d) The participant recruitment process

Answer: (a) The participant recruitment process

**199. A Hypothesis that develops while planning the research is**

- (a) Null Hypothesis

- (b) Working Hypothesis
- (c) Relational Hypothesis
- (d) Descriptive Hypothesis

Answer: (a) Null Hypothesis

**200. The first step in formulating a problem is**

- (a) A statement of the problem
- (b) Gathering of Data
- (c) Measurement
- (d) a Survey

Answer: (a) A statement of the problem

**201. Which of the following is NOT a type of research design?**

- (a) Experimental
- (b) Descriptive
- (c) Correlational
- (d) Analytical

Answer: (d) Analytical

**202. A \_\_\_\_\_ is a formal document that presents the research objectives and the design for achieving these objectives.**

- (a) Literature review
- (b) Research proposal
- (c) Data analysis

(d) Research report

Answer: (b) Research proposal

**203. The researcher must decide about \_\_\_\_\_ of data collection.**

(a) Objectives

(b) Logical reasoning

(c) Authoritative sources

(d) All the above

Answer: (b) Objectives

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**204. Where does the research process take place**

a) Laboratories

b) Schools

c) Organizations

d) All of the above

Answer: d) All of the above

**205. An essential criterion of scientific study is**

a) Observation

b) Objectivity

c) Experimentation

d) Interpretation

Answer: b) Objectivity

**206. A formal document that presents the research objectives, the design of achieving these objectives, and the expected outcomes/deliverables of the study is called**

a) Review paper

b) Thesis

c) Research Proposal

d) Research paper

Answer: c) Research Proposal

**207. An image, perception, or concept that is capable of measurement is called**

a) Variable

b) Operationalization

c) Hypothesis

d) Inferring

Answer: a) Variable

**208. Research method means**

a) A detailed and careful study of something to find more information about it.

b) The strategies, processes, or techniques utilized in the collection of data or evidence for analysis

c) is a document proposing a research project



d)A statement should show exactly what your paper will be about,

Answer: b)The strategies, processes, or techniques utilized in the collection of data or evidence for analysis

**209.The depth of research can be judged by**

a)The research method used

b)Result of the research

c)The objective of the research

d)Both a & c

Answer: d)Both a & c

**210.What do you mean by a unit of analysis**

a)an object of study within a research project

b)A form of proportional reasoning

c)Facilities and support

d)Definition & description

Answer: a)an object of study within a research project

**211.Which is concerned with discovering and testing certain variables concerning their association or disassociation**

a)Experimental Research

b)Quantitative research

c)Qualitative research

d)All the above

Answer: a)Experimental Research

**212. Research methods, procedures, and models of research methodology will help you best achieve your**

- a)Result
- b)Grade
- c)Research Objectives
- d)None of the above

Answer: c)Research Objectives

**213. What is the purpose of research design MCQ**

- a)To get the result
- b)To write the thesis
- c)To publish papers
- d)To provide a clear plan for conducting research

Answer: d)To provide a clear plan for conducting research

**214. A Comprehensive full report of the research process is called**

- a)A proposal
- b)A Review paper
- c)A thesis
- d)All of the above

Answer: c)A thesis

**215. The final stage in the research process is**

- a) Result

b)Concluding and presenting the research data

c)Discussion

d) Acknowledgment

Answer: b)Concluding and presenting the research data

**216. The systematic way to solve the research problem is called as**

a) Discussion

b)Abstract

c)Introduction

d)Research Methodology

Answer: d)Research Methodology

**217. Questions in which only two alternatives are possible are called**

a) Dichotomous Question

b)Rhetorical questions

c)Hypothetical questions

d)Matrix questions

Answer: a)Dichotomous Question

**218. An essential criterion of scientific study is**

a) Case studies

b)Objectivity

c)Experimental studies

d)Clinical trial studies

Answer: b)Objectivity

**219. The hypothesis which develops while planning the research is**

a) Working Hypothesis

b)Research hypothesis

c)Null hypothesis

d)Complex hypothesis

Answer: a)Working Hypothesis

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