

નોંધ : વિદ્યાર્થીએ માત્ર ૧૮ પ્રશ્નો જ ટીક કરવાના રહેશે. જો વધારે ટીક કરેલ હશે તો પ્રથમ ૧૮ પ્રશ્નો જ ગણતરીમાં લેવામાં આવશે.

1. The research that is conducted without having a specific decision in mind is ...
A. Basic business research B. Applied business research
C. Performance monitoring research D. Evaluation research
2. _____ study involves manipulation of one or more variables to determine the effect on another variable.
A. Statistical B. Experimental C. Exploratory D. Causa
3. The main concept behind research is to
A. Study and explore knowledge B. Start with predefined and clear out objectives
C. Define clear objectives D. Get new ideas
4. Diagnostic research studies is a category of research that aims to
A. Achieve new insight of concepts B. Determine the frequency with which something occurs
C. Test the relationship between variables D. Analyze characteristics of something
5. Doubt is often better than
A. Confidence B. Value C. Belief D. Overconfidence
6. In an experiment, the researcher manipulates one or more variables in an attempt to determine its effect on the _____
A. Independent variables B. Dependent variables C. Treatment D. Test variable
7. The primary objective of _____ is to provide insights into and an understanding of the problem confronting the researcher.
A. Conclusive research B. Exploratory research C. Causal research D. Descriptive research
8. Which if the following statements regarding the hypothesis is true?
A. Hypothesis relates variables to constants B. Hypothesis relates constants to variables
C. Hypothesis relates constants to constants D. Hypothesis relates variables to variables
9. Applied research is the type of research that
A. is made for performing the basic or pure research; it's a theoretical research
B. includes fact finding enquiries and surveys
C. is intended for finding some solutions to the problems considered
D. uses available information as the base to make the further critical evaluation
10. The "tool" function of theory is to:
A. Suggest new relationships and make new predictions B. Summarize existing knowledge
C. Summarize existing hypothesis D. Suggest new theories
11. 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
12. _____ is a preferred sampling method for the population with finite size.
A. Cluster sampling B. Area sampling C. Systematic sampling D. Purposive sampling
13. What is a research design?
A. A way of conducting research that is not grounded in theory.
B. The choice between using qualitative or quantitative methods.
C. The style in which you present your research findings, e.g. a graph.
D. A framework for every stage of the collection and analysis of data.
14. Which of the following should you think about when preparing your research?
A. Your sample frame and sampling strategy. B. The ethical issues that might arise.
C. Negotiating access to the setting. D. All of the above.

15. A research plan _____.
 A. Should be detailed
 B. Should be given to others for review and comment
 C. Sets out the rationale for a research study
 D. All of the above
16. The chapters that details the way in which the research was conducted is the _____ chapter
 A. Introduction
 B. Research methodology
 C. Data analysis
 D. Literature review
17. Testing hypothesis is a _____.
 A. Descriptive statistics
 B. Data preparation
 C. Inferential statistics
 D. Data analysis
18. Which of the following is not a probability sampling plan?
 A. Convenience sampling
 B. Cluster sampling
 C. Stratified sampling
 D. Systematic sampling
19. Which of the following gives the measure of consistency of data?
 A. Standard deviation
 B. Mean
 C. Median
 D. Mode
20. _____ is a motivation for research in students.
 A. Research academy
 B. Research labs
 C. Research degree
 D. Research problems
21. The Gujarat Council on Science and Technology (GUJCOST) was established in
 A. September, 1986
 B. September, 1985
 C. September, 1984
 D. September, 1983
22. In academic research, at University level, a verb best avoided in the research question is:
 A. to determine
 B. to describe
 C. to establish
 D. to identify
23. Which cell is working in our university for the analysis of the samples
 A. Chemistry laboratory
 B. CIMF Cell
 C. Accounts
 D. Academics
24. Which branch is dealing with the chemistry research without doing any experimental work in laboratory
 A. Nanochemistry
 B. Computational Chemistry
 C. Quantum mechanics
 D. None of the above
25. Which of the following is not the state funding agency
 A. DST
 B. GUJCOST
 C. CSIR
 D. GSBTM