

Part I: Multiple Choices (30 pts, 1 pt each)

Instruction: Choose the best answer from the given alternatives and write the letter on the answer sheet.

- 1) Research is
 - A) A process of 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
- 2) What makes research different from other scientific efforts such as projects?
 - A) Research adds new knowledge
 - B) Research mainly aims to improving performance
 - C) Project and research are similar
 - D) All of the above
- 3) Research method is concerned with
 - A) ways to collect, sort and analyze information so that they can come to some conclusions
 - B) identifying 'gap' between existing and new knowledge
 - C) finding ways to designing research
 - D) None of the above
- 4) Which of the following is the first step in starting the research process?
 - A) Searching sources of information to locate problem.
 - B) Survey of related literature
 - C) Identification of problem
 - D) Searching for solutions to the problem
- 5) A common test in research demands much priority on
 - A) Reliability
 - B) Usability
 - C) Objectivity
 - D) All of the above
- 6) Action research is
 - A) a longitudinal research
 - B) an applied research
 - C) initiated to solve an immediate problem
 - D) carried out with socioeconomic objective
- 7) Which of the following is false about conceptual research?
 - A) Always conducted in analytical way
 - B) Uses an existing data to develop an idea or concept
 - C) It is a practical approach of research
 - D) All are correct

A reasoning method where we start with certain particular statements and conclude with a universal statement is

- A) Deductive Reasoning
- B) Inductive Reasoning
- C) Abnormal Reasoning
- D) Transcendental Reasoning

Which of the following variables cannot be expressed in quantitative terms?

- A) Socio-economic Status
- B) Professional Attitude
- C) Marital Status
- D) None of these

10) In the process of conducting scientific research, 'Formulation of Hypothesis' is followed by

- A) Statement of Objectives
- B) Analysis of Data
- C) Making prediction
- D) Collection of Data

11) A research paper is a brief report of research work based on

- A) Primary data only
- B) Secondary Data only
- C) Both Primary and Secondary Data
- D) None of the above

12) Compared to primary data, which of the following is an advantage of secondary sources of data?

- A) Secondary data are original
- B) Collecting secondary data is relatively cheaper
- C) Secondary data rarely exist
- D) All of these

13) _____ occurs when some members of population are systematically more likely to be selected in a sample than others.

- A) Sampling bias
- B) Sampling error
- C) Sampling selection
- D) None of the above

14) If two variables do have a positive correlation, which of the following is true?

- A) As the value of one variable increases, so does the other
- B) As the value of one variable increases, the other decreases
- C) The correlation between the two variables is necessarily 0
- D) 'A' and 'C' are correct

15) An individual is researched 'in depth' in

- A) Naturalistic Observation
- B) Laboratory Observation
- C) Case Study
- D) Survey

- 24) A research which follows case study method is called _____
- A) Clinical or diagnostic
 - B) Causal
 - C) Analytical
 - D) Qualitative
- 25) _____ type of research is an empirical investigation of phenomena within their environmental context, where the relationship between the phenomena and the environment is not clear.
- A) action research
 - B) case study
 - C) simulation
 - D) none
- 26) In a random sample, each person in the population must have _____ chance of being selected.
- A) Minority
 - B) Majority
 - C) Equal
 - D) None
- 27) A _____ is a small-scale version of main research before the full-scale study is carried out.
- A) Case study
 - B) pilot study
 - C) Action research
 - D) None of the above
- 28) Data which have been collected from unpublished records is categorized as:
- A) Secondary sources
 - B) Primary sources
 - C) Review sources
 - D) None of the above
- 29) _____ may be defined as a systematic viewing of a specific phenomenon in its proper setting for the specific purpose of gathering data for a particular study.
- A) Literature review
 - B) Questionnaire
 - C) Observation
 - D) None of the above
- 30) Which of the following data gathering method enable us to get in depth and detail of information for a particular research?
- A) Literature review
 - B) Questionnaire
 - C) Observation
 - D) Interview

Part II: Matching (10 pts – 1 pt each)

Instruction: Match the items given in Column A with the best synonym/description given in Column B and write the letter on the answer sheet.

Column A

- 1) Quantitative
- 2) Theoretical approach of research
- 3) Fundamental Research
- 4) Non-probability sampling
- 5) Practical approach research
- 6) Qualitative
- 7) Problem
- 8) Rationalism
- 9) Secondary data source
- 10) Correlational research

Column B

- A) Casual statements
- B) Journals
- C) Conceptual research
- D) Structured
- E) Deductive reasoning
- F) Stratified sampling
- G) Pure research
- H) Empirical research
- I) Snowball sampling
- J) Dissatisfaction

Part III: Short Answer (12 pts – 2 pts each)

Instruction: Answer the questions on the space provided.

- 1) After conducting the study and gathering the data, the next step involves _____ the data, which generally calls for the use of statistical techniques.
 - 2) Research _____ is a way to systematically solve the research problem.
 - 3) Experimental method/approach/ enable us to talk about 'cause and effect' whereas _____ simply describe patterns of linear relationship between pairs of data and do not allow us to make cause and effect statements.
 - 4) In a given study, we would like to see the effect of alcohol on driving ability, the amount of alcohol given to the drivers would be the _____ variable.
- Research through experiment and observation is called _____.
- A systematic step by step procedure following logical process of reasoning is called _____.

END

I Post Software Engineering Files For My 'Buchiach'es, Sorry! I Meant
Brilliants.

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