



**SECTION A (ONE MARKS)**

(1) What is the benefits of telephonic interview?

- (a) it does not involve filed work
- (b) this method of interviewing is less demanding upon the interviewer
- (c) Both a and b
- (d) None of the above

Answer : C

(2) This is a semi-structured interview where the investigator attempts to focus the discussion on the actual effects of a given experience.

- (a) unstructured
- (b) non-directive
- (c) focused
- (d) clinical

Answer : C

(3) This is the least structured one.

- (a) unstructured
- (b) non-directive
- (c) focused
- (d) clinical

Answer : A

(4) Which statement is NOT CORRECT?

- (a) A large sample size always gives unbiased estimators regardless of how the sample is chosen.
- (b) A larger sample will give answers that vary less from the true value than smaller samples (assuming both are properly chosen).
- (c) The sampling distribution describes how our estimate (answer) will vary if a new sample is taken.
- (d) The standard error measures how much our estimate (answer) may vary if a new sample of the same size is chosen using the same sampling metho(d)

Answer : D

(5) A closed question means:

- (a) the respondent is given a limited choice of possible answers.
- (b) the final question of the interview.
- (c) the interviewer can embellish the interviewee's answer.
- (d) the responses are difficult to codify.

Answer : A

(6) What is the measures of dispersion?

- (a) range
- (b) quartile deviation
- (c) Lorenz curve
- (d) all of the above

Answer : D

Recall in one assignment you surveyed cars in a parking lot to estimate the proportion that were red or the proportion that were from a Japanese manufacturer. Which of the following is NOT CORRECT?

- (a) A convenience sample of the cars closest to the Applied Science building may give a biased estimate of the proportion of cars which are from a Japanese manufacturer.
- (b) Different students may get different answers for the proportion of cars that are red.
- (c) The sample proportion of cars that are red is an unbiased estimate of the population proportion if the sampling is a simple random sample.
- (d) A sample of 100 cars in a convenience sample is always better than a sample of 20 cars from a proper random sample.

Answer : D

(8) The Central Limit Theorem is important in Statistics because it allows us to use the normal distribution to make inferences concerning the population mean:

- (a) provided that the population is normally distributed and the sample size is reasonably large.
- (b) provided that the population is normally distributed (for any sample size).
- (c) provided that the sample size is reasonably large (for any population).
- (d) provided that the population is normally distributed and the population variance is known (for any sample size).

Answer : C

(9) In a test of  $H_0 : p = 0.4$  against  $H_a : p \neq 0.4$ , a sample of size 100 produces  $Z = 1.28$  for the value of the test statistic. Thus the p-value (or observed level of significance) of the test is approximately equal to:

- (a) 0.90
- (b) 0.40
- (c) 0.05
- (d) 0.20

Answer : D

(10) What are the ways of selecting the significant level in the hypotheses?

- (a) size of the sample
- (b) variability of measurements within samples
- (c) magnitude of the difference between samples
- (d) all of the above

Answer : D

(11) What is the procedure for testing hypotheses?

- (a) to test a hypothesis means it tells whether or not the same is to be valid
- (b) the main question is whether to accept null hypothesis or not
- (c) refers to all those steps that have been undertaken
- (d) all of the above

Answer : D

(12) What is the basis for the classification of research designs?

- (a) degree of formulation of the problem
- (b) topical scope-breadth and depth-of the study
- (c) mode of data collection
- (d) all of the above

Answer : D

(13) It is a type of evaluation study.

- (a) Applied research
- (b) Pure research
- (c) Exploratory research
- (d) Action research

Answer : D

(14) What is the criteria for good search problem?

- (a) accuracy
- (b) verifiable evidence
- (c) prescient
- (d) all of the above

Answer : D

(15) What is the advantages of primary data?

- (a) original source of data
- (b) possible to capture the changes occurring in the circle of time
- (c) flexible to the averages of researcher
- (d) all of the above

Answer : D

(16) This is the colorful name for a technique of building up list.

- (a) sample random sampling
- (b) snow-ball sampling
- (c) multi-stage sampling
- (d) systematic random sampling

Answer : B

(17) It means random selection of sampling units consisting of population elements.

- (a) simple random sampling
- (b) stratified random sampling
- (c) systematic random sampling
- (d) cluster sampling

Answer : D

(18) This method of sampling is an alternative to random selection.

- (a) simple random sampling
- (b) stratified random sampling
- (c) systematic random sampling
- (d) all of the above

Answer : C

(19) What is the components of research design?

- (a) dependent and independent variables
- (b) extraneous variable
- (c) control
- (d) all of the above

Answer : D

(20) Editing of data are done at the time of

- (a) Recording of datas
- (b) analsis of data

both of these

- (d) none of these

Answer : C

(21) Projective Technique is an important method of \_\_\_\_\_

- (a) Secondary sources
- (b) Secondary data
- (c) Primary Data
- (d) Primary sources

Answer : C

(22) The First Social Philosopher to use case study in comparative studies of different cultures was

- (a) Herbert Spencer
- (b) C.K. Henny
- (c) Willam Healey
- (d) Frederick Leplay.

Answer : C

(23) \_\_\_\_\_ is an intermediary stage of work between data collection and data interpretation

- (a) Data processing
- (b) coding
- (c) transcription
- (d) analysis of data

Answer : A

(24) Which is a positional averages

- (a) Median and mode
- (b) correlation n dispersion
- (c) AM, GM and HM
- (d) all of these

Answer : A

(25) It is better to take telephonic interview when

- (a) One likes to talk on phone
- (b) Time is less and Q uestions are few and simple
- (c) Only a
- (d) Both a and b

Answer : D

(26) Following is not a source of identifying research problems :

- (a) Exposure to field situations
- (b) Experimental Research
- (c) Intuition
- (d) Brain Storming

Answer : B

(27) \_\_\_\_\_ test is used to compare variance in context of ANOVA

- (a) t-test
- (b) f-test
- (c) q-test

z-test

Answer : B

(28) The principles of experimental design are

- (a) principle of replication
- (b) randomization
- (b) local interview
- (d) all of these

Answer : A

(29) Case Study would depend on \_\_\_\_\_, Common Sense and Imagination of a Person

- (a) Life History
- (b) Wit
- (c) Research Methodology
- (d) Efforts

Answer : B

(30) As per Time Dimension, a research design could be one time or \_\_\_\_

- (a) Statistical
- (b) Observational
- (c) Formalized
- (d) Longitudinal

Answer : D

(31) what are the researcher's external criteria

- (a) Feasibility
- (b) facility
- (c) Novelty of problem
- (d) all of these

Answer : D

(32) Which one is not an "Article of faith"

- (a) .Reliance on empirical evidence
- (b) relevant concepts
- (c) .Commitment of subjectivity
- (d) verifiability

Answer : C

(33) \_\_\_\_\_ Research is carried out to find a real life problem requiring an action Or policy decision.

- (a) Pure research
- (b) Applied research
- (c) Exploratory research
- (d) descriptive study

Answer : B

(34) What is the benefit of a conducting a structured observation using a field stimulation?

- (a) It is an overtly ethical form of research.
- (b) It ensures that the subjects are fully informed of the research.
- (c) It reduces the problem of subject reactivity.

It is usually conducted outdoors.

Answer : C

(35) Which of the following is a strategy for observing the behaviour of a bank manager in a structured fashion?

- (a) A daily observation of their morning briefing to the branch.
- (b) Observations of their interactions with customers.
- (c) Four observations during the day lasting twenty-five minutes each.
- (d) Observation of all filing conducted by the manager each day.

Answer : A

(36) Alternative hypothesis is usually the one wish to

- (a) Prove
- (b) disprove
- (c) reject
- (d) none of these

Answer : A

(37) The different condition to which the experimental and control groups are subject to Known as\_\_\_\_\_

- (a) treatments
- (b) conditions
- (c) injections
- (d) none of these

Answer : A

(38) Values that can express only in integer values are called

- (a) non continuous variables
- (b) continuous variables
- (c) decimal
- (d) all of these

Answer : A

(39) which is not true for secondary data

- (a) Has its own limitation
- (b) Sources may not be available
- (c) None of these
- (d) Not accurate as desired

Answer : B

(40) Which is the first step of research

- (a) making of hypothesis
- (b) decide the place where to take research
- (c) selection of problem
- (d) inaugural ceremony

Answer : C

( ) SECTION B

(41) When changes in one variable depends upon the changes in one or more other variables, the former variable is termed as-

- (a) Independent variable
- (b) Random variable

Exogenous variable

- (d) Endogenous variable

Answer : d

(42) It is carried on to find solution to a real-life problem requiring an action or policy decisions.

- (a) Applied research  
(b) Pure research  
(c) Exploratory research  
(d) Descriptive study

Answer : A

(43) \_\_\_\_\_ is making it's as exact as necessary.

- (a) Recording  
(b) Controlling conditions  
(c) Precisions  
(d) Objectivity

Answer : C

(44) \_\_\_\_\_ is scribing what really exist.

- (a) Recording  
(b) Controlling conditions  
(c) Precisions  
(d) accuracy

Answer : D

(45) \_\_\_\_\_ is referred to the differ conditions to which the experimental and control groups is subjects to.

- (a) experiment  
(b) treatment  
(c) experiment unit  
(d) all of the above

Answer : B

(46) A study of tribal customs by an anthropologist by taking part in tribal activities like Folk dance. Is an example of

- (a) Direct observation  
(b) participant observation  
(c) Controlled observation  
(d) uncontrolled observation

Answer : A

(47) If the value of co efficient of co rrelation is -1 this means

- (a) perfect positive correlation  
(b) perfect negative correl  
(c) zero correlation  
(d) poor positive correlation

Answer : B

(48) when we reject H0 which is true. This is

- (a) Type 1 error  
(b) type11 error

no error

- (d) none of these

Answer : A

(49) How proper formulation does help in the research problem?

- (a) It gives time schedule for the research problem
- (b) It provides necessary finance to the research problem
- (c) It gives proper direction and specific focus on the research problem
- (d) It helps in getting results of the research problem

Answer : c

(50) The influence caused by the extraneous variable on the dependent variable is technically termed as

- (a) Error
- (b) Study error
- (c) Experimental error
- (d) Physical error

Answer : c

(51) If the sample mean is significantly higher or lower than the hypothesized value of the Mean of the population in two tail test, we

- (a) Reject the null hypothesis
- (b) accept the null hypoths
- (c) reject the alternative hypothesis
- (d) accept alternative hypo

Answer : A

(52) Which of the following statements is NOT CORRECT?

- (a) In a proper random sampling, every element of the population has a known (and often equal) chance of being selecte(d)
- (b) The precision of a sample mean or sample proportion depends only upon the sample size (and not the population size) in a proper random sample.
- (c) Convenience sampling often leads to biases in estimates because the sample is often not representative of the population.
- (d) If a sample of 1,000,000 families is randomly selected from all of Canada (with about 8,000,000 families) and the average family income is computed, then the true value of the family income for all families in Canada is known.

Answer : D

(53) The benefit of using a show card to prompt the interviewee is :

- (a) that the interviewee does not have to speak.
- (b) the interview can be conducted over the telephone.
- (c) the interviewer does not have to read the same thing out on numerous occasions.
- (d) the interviewer can demonstrate their artistic skills.

Answer : C

(54) If a researcher wishes to obtain a nationally representative sample of trade union members but does not have the resources to travel long distances what method of sampling could they use?

- (a) Stratified random sampling.
- (b) Multi-stage cluster sampling.

Simple random sampling.

(d) Snowball sampling.

Answer : B

(55) Which issues can be observed more effectively during an organisational simulation than in a 'real' organizational setting?

- (a) Time managers spend on customer complaints.
- (b) Distance managers walk each day.
- (c) Decision making and problem solving.
- (d) Attitudes towards health and safety.

Answer : C

(56) Which of the following is not a rhetorical strategy used in the writing up of quantitative research?

- (a) The researcher surfaces in the text to demonstrate ingenuity in overcoming obstacles.
- (b) Key figures in the field are not mentioned in order to differentiate research from existing studies.
- (c) The researcher is removed from the text to give impression of objectivity.
- (d) The research process is presented as a linear process.

Answer : B

(57) Which of the following is included in personal data?

- (a) social class
- (b) resources
- (c) functions
- (d) all of the above

Answer : D

(58) What is the prerequisites for effective observation?

- (a) must be done under conditions which will permit accurate results
- (b) should be accurate
- (c) should be complete
- (d) all of the above

Answer : D

(59) What is the merits if interview method?

- (a) depth and details of information can be secured
- (b) interviewer can do more to improve the percentage of response
- (c) interviewer can use special scoring devices
- (d) all of the above

Answer : D

(60) What is the types of graphs?

- (a) bar charts
- (b) stock plots
- (c) line graphs
- (d) all of the above

Answer : D

( ) SECTION C

State whether true or false. A. Case study would depend upon wit, common sense and imagination of the person doing the case study B. If the life history has been written in the first person, it must be incomplete

- (a) A.True, B. False
- (b) A.True, B. True
- (c) A.False, B. False
- (d) A.False, B. True

Answer : a

(62) It is undertaken for the sake of knowledge without any intention to apply it in practice.

- (a) Applied research
- (b) Pure research
- (c) Exploratory research
- (d) Descriptive study

Answer : B

(63) \_\_\_\_\_ is imparting necessary knowledge to investigators to make them understand what to look for.

- (a) Recording
- (b) training investigators
- (c) Precisions
- (d) Objectivity

Answer : B

(64) Under \_\_\_\_\_, the known source of variability is made to vary deliberately.

- (a) the principle of replication
- (b) the principle of randomization
- (c) principle of local control
- (d) all of the above

Answer : C

(65) Formula for calculation mode in continuous class is

- (a)  $3 \text{ median} - 2\text{mean}$
- (b)  $L1 + (f1-f0)/(2f1-f0-f2) \times C$
- (b) By observation
- (d) both a and b

Answer : B

(66) \_\_\_\_\_ sampling is consists of taking Kth item in population after a random start With an item form 1 to K

- (a) Systematic random sampling
- (b) cluster sampling
- (c) proportionate stratified sampling
- (d) none of these

Answer : A

(67) What is a survey?

- (a) It is a method of research involving collection of data directly from population
- (b) It is a system of procedures and techniques of analysis applied to quantitative

data

It is the study of past records and other information sources with a view to reconstructing the origin

(d) It is designed to assess the effects of particular variables on a phenomenon by keeping the other variables constant or controlled

Answer : a

(68) How the transcription of data can be used?

(a) It can be used to understand the situation

(b) It can be used to sum up the data

(c) It can be used to summarize and arrange the data in compact form for further analysis

(d) It can be used only to analyze the data

Answer : c

(69) In \_\_\_\_\_ a comprehensive report of the research process and its outcome is include(d)

(a) technical report

(b) research report

(c) popular report

(d) all of the above

Answer : A

(70) Correlation coefficient:

(a) is denoted by the symbol "r"

(b) a positive value implies that a rise in one variable accompanies a rise in the other.

(c) describes the degree of association between two variables

(d) all of the above

Answer : D

(71) In \_\_\_\_\_ the reader is less interest in the methodological details.

(a) technical report

(b) research report

(c) popular report

(d) all of the above

Answer : C

(72) A criticism of structured observation is that it:

(a) neglects the context within which behaviour occurs.

(b) neglects the links between behaviour and personality.

(c) neglects the role of the structures of capitalism that influence behaviour.

(d) neglects the importance of language in organizational settings.

Answer : A

(73) What is the limitations of interview method?

(a) costly

(b) time taking

(c) Both a and b

(d) None of the above

Answer : C

(74) What is the classification of data needed for a social science research?



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(a)

data pertaining to human beings

- (b) data relating to organization
- (c) data pertaining to territorial areas
- (d) all of the above

Answer : D

(75) What is the guidelines for successful presentation?

- (a) communicate to specific audience
- (b) create audience interest
- (c) be specific and visual
- (d) all if the above

Answer : D

