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BRAINWARE UNIVERSITY

Term End Examination 2023
Programme – B.Sc.(MRIT)-2020
Course Name – Research Methodology
Course Code - BMRIT603
(Semester VI)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) The part where credit is given to any author of previous work is called
- | | |
|---------------|------------------|
| a) References | b) Publication |
| c) Ethics | d) Research Idea |
- (ii) 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) hard worker |
- (iii) A research problem is feasible only when ?
- | | |
|---------------------------------|--|
| a) It has utility and relevance | b) It is new and adds something to knowledge |
| c) It is researchable | d) All of the these |
- (iv) Identify the method to collect primary data
- | | |
|-------------------------|---------------------|
| a) Observational method | b) Interview method |
| c) Questionnaires Based | d) All of these |
- (v) In which of the following context stratified sample is preferred?
- | | |
|---------------------------------|-------------------------------|
| a) Homogeneous population | b) Non homogeneous population |
| c) Random sampling not possible | d) Required small sample |
- (vi) The secondary data may be used in case the researcher finds them
- | | |
|----------------|-----------------|
| a) Reliable | b) Adequate |
| c) Appropriate | d) All of these |
- (vii) select the good example of structured questionnaire
- | | |
|---|---|
| a) Where only closed questions are used or the respondent has to choose from a limited set of options | b) Where an online survey tool is used to structure the questionnaire |
| c) Which only includes open questions | d) Where respondents are encouraged to structure their responses in whichever way they want |
- (viii) Which of the following is the method of primary data collection

- a) Questionnaire method
 c) Direct personal interview
- b) Indirect oral investigation
 d) All of these
- (ix) Select the correct sequence of data processing
- a) Coding-Editing-Tabulation- Classification- Using Percentage
 c) Editing-Coding-Classification- Tabulation- Using Percentage
- b) Tabulation-Editing-Coding-Classification- Using Percentage
 d) Using Percentage-Coding-Classification- Tabulation
- (x) I- Descriptive analysis is largely the study of distributions of one variable. II- Correlation analysis studies the joint variation of two or more variables for determining the amount of correlation between two or more variables. III-Causal analysis is concerned with the study of how one or more variables affect changes in another variable
- a) I is true
 c) III is true
- b) II is true
 d) All of these are true
- (xi) Statement A: Research is a process of obtaining dependable solutions through systematic and scientific investigations. Statement B: Research helps us to discover the functional relationships among various phenomena that exist in a business or a government organization.
- a) Statement A is true
 c) Statement A is true while B is the correct explanation of A
- b) Statement B is true
 d) Both statement are false
- (xii) Which of the following express objective of a research?
- a) Understanding a problem
 c) To innovate new ideas & improve the quality
- b) Identifying the Problems
 d) All of these
- (xiii) is an appropriate choice when the research aim is to identify characteristics, frequencies, trends, and categories?
- a) Descriptive research
 c) Basic Research
- b) Analytical Research
 d) None of these
- (xiv) A research plan should be
- a) Detailed
 c) Sets out the rationale for a research study
- b) Given to other for review and comments
 d) All of these

Group-B

(Short Answer Type Questions)

3 x 5=15

2. What do you mean by Term Research? Define. (3)
3. Define the objective of research in detail. (3)
4. What is the feature of good sample design? (3)
5. what do you mean by probability sampling? (3)
6. Illustrate the source of primary Data. (3)

OR

Illustrate the source of secondary data.

(3)

Group-C

(Long Answer Type Questions)

5 x 6=30

7. What do you mean by research? Explain its significance in modern times (5)
8. Explain Ethical consideration of research. (5)
9. Explain the some other method of data collection used in different industrial aspect. (5)
10. Explain different steps in sample design. (5)
11. Explain the different steps in the data processing. (5)
12. Explain the factors affecting the selection of method of data collection. (5)

OR

Justify the concept of case study with example.

(5)
