



BRAINWARE UNIVERSITY

Term End Examination 2024-2025

Programme – B.Sc.(MRIT)-2022

Course Name – Research Methodology

Course Code - BMRITC606

(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) Identify the objective of research

- | | |
|--|---|
| a) To gain familiarity with a phenomenon or to achieve new insights into it | b) To portray accurately the characteristics of a particular individual, situation or a group |
| c) To determine the frequency with which something occurs or with which it is associated with something else | d) All of these |

(ii) Select the correct type of research

- | | |
|----------------|-----------------|
| a) Fundamental | b) Applied |
| c) Conceptual | d) All of these |

(iii) Identify the correct method of data collection

- | | |
|------------------------|--------------------------------|
| a) Through observation | b) Through Review and Feedback |
| c) Through Survey | d) All of these |

(iv) Fundamental research is also defined as

- | | |
|-------------------|------------------|
| a) Basic Research | b) Pure Research |
| c) Both A & B | d) None of These |

(v) Identify the correct statement about fundamental research

- | | |
|---|---|
| a) Expand knowledge of processes of business and management | b) Results in universal principles relating to the process and its relationship to outcomes |
| c) Findings of significance and value to society in general | d) All of these |

(vi) Select the correct option about Applied Research

- | | |
|---|-----------------------------------|
| a) Improve understanding of particular business or management problem | b) Results in solution to problem |
| c) Findings of practical relevance and value to manager(s) in organization(s) | d) All of these |

- (vii) Identify the source of Primary data in research
- a) Survey
 - b) Observation
 - c) Experiment
 - d) All of these
- (viii) Select the correct data resource of secondary data
- a) Research Paper
 - b) Book
 - c) Journal
 - d) All of these
- (ix) Identify the Correct statement about research method
- a) Defined as the procedure or technique applied by the researcher to undertake research
 - b) It is nothing but the behavior or tool, employed in selecting and building research technique
 - c) It is concerned with carrying out experiment, test, surveys, interviews, etc.
 - d) All of these
- (x) Identify the research Process steps
- a) Problem formulation
 - b) Literature Survey
 - c) Development of Hypothesis
 - d) All of these
- (xi) Select the correct option for hypothesis
- a) Testable statement predicting the relationship between variables
 - b) It can be Null or Alternative
 - c) It acts as a starting point, guiding researchers to examine whether their predictions hold true based on collected data.
 - d) All of these
- (xii) Select the term that refers to the process of organizing and interpreting data to draw conclusions.
- a) Data collection
 - b) Data analysis
 - c) Data presentation
 - d) Data coding
- (xiii) Identify the correct type of data analysis method used for understanding the relationship between two variables.
- a) Descriptive analysis
 - b) Correlational analysis
 - c) Regression analysis
 - d) Inferential analysis
- (xiv) Identify the correct citation style for this example: "Smith, J. (2020). Research Methods in Social Sciences. Oxford University Press."
- a) MLA
 - b) APA
 - c) Chicago
 - d) Harvard
- (xv) Select the correct method for analyzing qualitative data.
- a) Regression analysis
 - b) Descriptive statistics
 - c) Content analysis
 - d) Factor analysis

Group-B

(Short Answer Type Questions)

3 x 5=15

2. Define the term Research. (3)
3. Define the term Research Methods. (3)
4. Explain Primary Data in research. (3)
5. Illustrate the importance of sample size in research. (3)
6. Explain applied Research. (3)

OR

Differentiate between Applied versus Fundamental Research (3)

Group-C

(Long Answer Type Questions)

5 x 6=30

7. Explain about research Process. (5)

8. Explain about hypothesis and its application in research. (5)
9. Explain about experimental research in details. (5)
10. Discuss the process of developing a research question. What makes a research question clear, focused, and researchable? (5)
11. What is the role of a hypothesis in research? Compare and contrast null hypotheses and alternative hypotheses with examples. (5)
12. Explain different type of research. (5)

OR

Write a detailed notes on consent form. (5)

LIBRARY
Brainware University
Sarasat, Kolkata -700125