

MASTER OF LIBRARY & INFO. SCIENCE
THIRD SEMESTER [SPECIAL REPEAT]
RESEARCH METHODOLOGY
MLS – 303

**SET
A**

[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 3 hrs.

Full Marks: 70

Time: 30 mins.

(Objective)

Marks: 20

Choose the correct answer from the following:

1 × 20 = 20

1. What are the main sections of the body of a research report?
 - a. Introduction
 - b. Statement of the problem
 - c. Purpose of the study
 - d. All of the above
2. In the format of research report, which one is the first page?
 - a. Cover page
 - b. Title page
 - c. Verso page
 - d. Start page
3. Assertion(A): Median is simply the middle value when the data have been arranged in ascending or descending order.
Reason(R): Median refers to the middle value in a distribution.
 - a. Both (A) and (R) are true
 - b. (A) is true, but (R) is false
 - c. (A) is false, but (R) is true
 - d. Both (A) and (R) are false
4. The basic steps of data representation are
 - a. Coding
 - b. Tabulation
 - c. Both of these
 - d. None of these
5. The process that involves the applications of different statistical tools like averages, dispersion, correlation, etc. is
 - a. Presentation of data
 - b. Analysis of data
 - c. Scale study
 - d. Sample study
6. The criteria involved in selecting a research problem is
 - a. Clarity & unambiguity
 - b. Empirical verification
 - c. Experience & creativity
 - d. All of these
7. Assertion(A): A sample is the representation of a whole.
Reason(R): The sample is subjected to observation and analysis.
 - a. (A) is false, but (R) is true
 - b. (A) is true, but (R) is false
 - c. Both (A) and (R) are true
 - d. Both (A) and (R) are false
8. Observation is the most widely used technique for:
 - a. Scientific investigation
 - b. User analysis
 - c. Scientific method
 - d. User survey
9. Which is not a method of Graphics in Report Writing?
 - a. Bar Diagram
 - b. Tables
 - c. Graphs
 - d. Film strips

10. What is/are an essential ingredients of any research problem?
 - a. Data
 - b. Researcher
 - c. Resources
 - d. All of the above
11. What is the main aim of research?
 - a. To discover facts
 - b. To discover answer to question
 - c. To discover answer
 - d. To discover answer to question by scientific procedures
12. What are two board categories of research?
 - a. Primary and secondary
 - b. Basic and applied
 - c. Pure and applied
 - d. Historical and experimental
13. Research design gives the
 - a. Procedure for designing tools
 - b. Blue print of research activity
 - c. Technique of research
 - d. Pattern of research
14. Pure research is an investigation conducted by
 - a. An individual
 - b. Two persons
 - c. A group of persons
 - d. An organisation
15. Questionnaire is widely used tool in which type of research?
 - a. Survey research
 - b. Experimental research
 - c. Historical research
 - d. Case study research
16. What does hypothesis become after verification?
 - a. Research problem
 - b. Theory or principles
 - c. Formulation
 - d. Solution of the problem
17. What are the two methods of observation?
 - a. Students and teachers
 - b. Direct and indirect
 - c. Participants and non-participants
 - d. Close and open
18. Stratified sampling is a combination of which of the following?
 - a. Quota and random
 - b. Quota and cluster
 - c. Random and cluster
 - d. Purposive and Random
19. Experimental method of research is the same as the
 - a. Statistical method
 - b. Scientific method
 - c. Historical method
 - d. Descriptive method
20. Delphi method is primarily concerned with
 - a. Data analysis
 - b. Data collection
 - c. Data recognition
 - d. Data interpretation

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(Descriptive)

Time : 2 Hr. 30 Mins.

Marks : 50

[Answer question no.1 & any four (4) from the rest]

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| 1. Define Research Problem. What are the different types of research methods? Explain each in detail with suitable examples. | 3+7=10 |
| 2. Define Sampling Technique. Explain probability and non-probability types of sampling techniques. | 3+7=10 |
| 3. Define Scaling Technique. Discuss the criteria for adopting a good measurement technique. | 3+7=10 |
| 4. Define Report Writing? Elaborate the various components involved in the process of report writing? | 3+7=10 |
| 5. Define Research. Discuss in detail the various steps involved in the process of a research study by citing a suitable research topic related to field of LIS. | 3+7=10 |
| 6. What is Research Design? Discuss in detail the need and importance of a research design. | 3+7=10 |
| 7. What is primary and secondary data? Explain the different types of data collections tools available in the field of social science research. | 3+7=10 |
| 8. Define Observation. Differentiate between survey and case study method of research. | 3+7=10 |

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