

- Q.23 How many types of research designs are there? State the qualities of a good research design
- Q.24 Write a note on Hypothesis testing Research Design.
- Q.25 How is exploratory research design different than descriptive research design.
- Q.26 List out the advantages of sampling.
- Q.27 What are the uses of non-probability sampling.
- Q.28 State the various steps in writing a project report.
- Q.29 Explain the significance of T-Test analysis.
- Q.30 What are the major objectives of editing data?
- Q.31 Give the layout of a research report.
- Q.32 What is hypothesis? What are the different types of hypothesis?
- Q.33 Write a note on data interpretation.
- Q.34 What are different types of non-probability sampling? Give examples.
- Q.35 Differentiate between conceptual and empirical research.

#### **SECTION-D**

**Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Discuss in detail the various types of research.
- Q.37 What is research design? Explain major types of research design.
- Q.38 Write short notes on :
- steps in report writing
  - types of hypothesis

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**5th Sem / DBM, DBM(IPM)  
Subject:- Research Methodology**

Time : 3Hrs. M.M. : 100

#### **SECTION-A**

**Note:** Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 Hypothesis in research can be understood as \_\_\_\_\_.  
  - A conclusion drawn from data analysis
  - A statement of predicted relationship between variable.
  - A summary of research findings
  - A measurement of data accuracy
- Q.2 What is a dependent variable in research?  
  - The variable that is manipulated by the researcher
  - The variable that remains constant throughout the research
  - The variable that is measured and observed
- Q.3 \_\_\_\_\_ is not a common data collection method in qualitative research.  
  - Participant observation
  - Structured interviews
  - Content Analysis

Q.4 \_\_\_\_\_ is NOT a type of research data.

- a) Primary data
- b) Secondary data
- c) Tertiary data

Q.5 What is a literature review?

- a) A summary of book
- b) A summary of research study
- c) A summary of the literature on a particular topic

Q.6 \_\_\_\_\_ is NOT a step in the research process.

- a) Literature review
- b) Data analysis
- c) Research question
- d) Data collection

Q.7 What is a random sample in research?

- a) A sample that is selected by chance
- b) A sample that is selected based on specific criteria
- c) A sample that is selected from population in a systematic way.

Q.8 What is the name of the conceptual framework in which the research is carried out?

- a) Research hypothesis
- b) Research paradigm
- c) Research design

Q.9 Bibliography given in a research report does not help those interested in further research. (True/False)

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Q.10 Which one among the following statement is true in the context of the testing of hypotheses?

- a) It is only the alternative hypotheses that can be tested.
- b) It is only the null hypotheses that can be tested.
- c) Both the alternative and the null hypotheses can be tested

### **SECTION-B**

**Note:** Objective type questions. All questions are compulsory. (10x1=10)

Q.11 Define closed ended question.

Q.12 A good sampling frame must be \_\_\_\_\_.

Q.13 Only \_\_\_\_\_ hypotheses can be tested in research.

Q.14 Qualitative interviews are often less structured than qualitative interviews (True/False)

Q.15 Write one characteristic of probability sampling.

Q.16 Objectives of research are stated in first chapter of the thesis. (True/False)

Q.17 Research hypotheses are formulated prior to a review of the literature. (True/False)

Q.18 Define sample design.

Q.19 Quota sampling is a probabilistic sampling. (True/False)

Q.20 Define editing of data

### **SECTION-C**

**Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

Q.21 Differentiate between primary and secondary data.

Q.22 What is the significance of research? Discuss in brief

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