DURATION: - 2½ hrs   44703424   MARKS:- 75 ①
Note: - (1) All questions are compulsory.
         (2) Figures to the right indicate full marks

Q.1) a) **Fill in the blanks with appropriate option :- (any 8)**   CO-1 TO CO-4, R&U   8M

1) _____ refers to previous research studies, reference books
   and other published sources.
   a. Research design   b. Sample design
   c. Hypothesis   d. Literature review

2) Research is often referred to as _____ Into a specific problem.
   or situation
   a. Scientific issue   b. Social issue
   c. Scientific enquiry   d. Material issue

3) In academic research the _____ may suggest the
   research problem to the research scholar.
   a. Government   b. University
   c. Funding agency   d. Research guide

4) _____ hypothesis states that where is a relationship
   between two or more variable.
   a. Working b. alternative c. null d. statistical

5) Research design provides _____ to the research staff
   a. Discussion   b. Problem   c. Direction   d. Data

6) _____ is less time - consuming and less expensive.
   a. Data analysis   b. Secondary data
   c. Primary data   d. data processing

7) _____ is the process of checking errors and omission in data
   collection
   a. Tabulation   b. Coding   c. Classification   d. Editing

8) A1, A2, A3 etc. is called as _____ coding
   a. Alphabetical   b. Numerical
   c. Alpha-numerical   d. Scientific

9) _____ is designed for publication in a professional journal.
   a. Popular report   b. Interim report
   c. Research article   d. Summary report

10) The research report must be drafted in _____ style.
    a. Logical   b. Scientific   c. Impersonal   d. Personal

Q.1) b) State whether the following statements are true or false :(any 7)   7M
                                                    CO-1 TO CO-4, R&U
1) The scientific research is objective and logical in nature.
2) Research has no significance in accounting and finance.
3) Research design does not indicate sample size.
4) Z-test is used to test hypothesis when sample size is less than 30.
5) Questionnaire is used to collect secondary data in research study.

Page-1

6) Secondary data collection method is a time consuming process as compared to primary data collection method.
7) Research report provide outdated information on important matters.
8) Technical report is designed for executive.
9) Induction method follows the logical reasoning process.
10) Literature review has to provide good insight into the research problems.

Q.2) a)	Explain the different types of research.	CO-1, U/AP	8M
Q.2) b)	Describe the main features of research.	CO-1, R.	7M

OR

Q.2) c)	Discuss the steps in formulating the research problem.	CO-1, R/U	8M
Q.2) d)	Write a detailed note on review of literature	CO-1, U	7M
Q.3) a)	What are the various types of hypothesis	CO-2, U	8M
Q.3) b)	Discuss the types of Questionnaire	CO-3, AN	7M

OR

Q.3) c)	Explain the merit and demerits of primary data.	CO-3, U&R	8M
Q.3) d)	Explain the source of secondary data	CO-3, U	7M
Q.4) a)	Discuss the probability methods of sampling	CO-3, U/AP	8M
Q.4) b)	Describe the step in data processing	CO-3, R	7M

OR

Q.4) c)	Explain the layout of research report.	CO-4, R	8M
Q.4) d)	What are the different tools for analyzing data	CO-3, AP	7M

Q.5) a) Calculate the range for the following ungrouped frequency distribution of marks of 75 students. Also calculate co-efficient of range.   CO-3, AN   8M

Marks	62	60	78	88	94
No. of Students	15	21	12	22	05

Q.5) b) From the following data of age 50 Students of a class – calculate arithmetic mean.

Age(in years)	10	11	12	13	14
No. of Students	5	10	20	10	5

OR

Q.5) Write Short Notes on: (Any 3)   CO-1 TO CO-4, R&U   15M
1. Research as a Process
2. Sources of Primary Data Collection
3. Types of Research Report
4. Research Design
5. Graphical Presentation

"No Research without action, no action without research"