

[Total No. of Questions - 5] [Total No. of Printed Pages - 2]  
(2063)

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**MBA 2nd Semester Examination**  
**Research Methodology (O.S.)**

207

**Time : 3 Hours**

**Max. Marks : 60**

*The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.*

**Note :** Attempt all the questions. All questions carry equal marks.

1. "Research is not a one step exercise, it is a process. In light of this statement explain the various steps of research process. (12)

**OR**

- (a) Discuss the criteria for good research.  
(b) Describe the various problems which are faced by the researchers in India. (6,6)
2. Is research design a necessity? Justify your answer. Also discuss the important concepts relating to research design. (12)

**OR**

- Explain the various types of experimental research designs with the help of examples. (12)
3. Discuss the different methods of collecting data. Which one is the most suitable for conducting enquiry regarding educational status in India and why? (12)

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[P.T.O.]

**OR**

- (a) "Interviews introduce more bias than does the use of questionnaire." Critically examine this statement.
- (b) Describe the different types of measurement scales and how does these scales differ from each other? **(6,6)**
4. Why probability sampling is generally preferred in comparison to non-probability sampling? Explain the procedure of selecting a simple random sample. **(12)**

**OR**

- Under what circumstances stratified random sampling design is considered appropriate? How would you select such sample? Explain with the help of an example. **(12)**
5. (a) Differentiate between ANOVA and ANOCOVA
- (b) Write note on: Type I error and Type II error. **(6,6)**

**OR**

- (a) What is Wilks' Lambda? How is it computed? What is its role in a discriminant analysis?
- (b) What is cluster analysis? Explain in brief the underlying assumptions of the technique. **(6,6)**