



MBT-010-003207

Seat No. _____

M. B. A. (Sem. II) (CBCS) Examination

April / May - 2018

SO-10207 : Research Methodology

Faculty Code : 010

Subject Code : 003207

Time : 3 Hours]

[Total Marks : 70

- 1 Define the term "Research". What are the steps for process of conducting a research? 14

OR

- 1 What is sampling. Explain various methods of sampling along with advantages and disadvantages in detail. 14
- 2 (a) Write a note on various types of Research Design.
(b) Explain Research problem and Literature review.

OR

- 2 Set up on an analysis of variance table for the following per acre production data for three varieties of rice, each grown on 4 plots and state if the variety differences are significant :

Plot of land	Per acre production data Variety of Rice		
	X	Y	Z
1	6	5	5
2	7	5	4
3	3	3	3
4	8	7	4

(5% level = 4.26)

- 3 Explain, all the different methods of Data Collection along with advantages and disadvantages in detail. 14

OR

- 3 Define the term "Research". Explain characteristics and approaches of Research. 14

- 4 (a) Write a note on Case study method of Research with an example. 14

- (b) What is Editing, Coding, Classification and Tabulation in Research?

OR

- 4 Calculate Chi-square : Is the die biased ?
A die is thrown 132 times and the following results were obtained :

Numbers turned up	1	2	3	4	5	6
Frequency	16	20	25	14	29	28

(5 per cent level of significance = 11.071)

- 5 Write Short Notes : (any **two**)
- (a) Explain in detail the advantages of using computers in Research. 7
- (b) Explain the layout of a Research Report in detail. 7
- (c) Write a note on Measurement and Scaling in research. 7