



JK Lakshmipat University
Institute of Management
Jaipur

END TERM EXAMINATION (April 2018)

BBA II Sem- IV/ Even
MM: 50 Marks

Course: Research Methods

Time: 3 Hours

Subject code: QT07

Instructions: Attempt any three questions from Section A. Section B is compulsory.

Section A

- Q1. Define a research problem with a suitable example. Develop an entire process to solve it. (10 marks).
- Q2. Outline the essentials of a good questionnaire. Discuss the various types of questions to be included in it (10 marks).
- Q3. Differentiate between scale and measurement. Elaborate various types of scaling. (10 marks).
- Q4. Elaborate the concept of multi variate data analysis. Outline the various methods. (10 marks).

Section B

- Q5. a) There are three methods of training and after training, one test was held. The following table provides the same. Use K-W test to find out whether all the methods are equally effective?

Method 1	32	15	87	32	22	63	56	57	44	
Method 2	33	38	39	48	58	70	61	41	45	49
Method 3	55	68	27	88	46	52	76			

(Chi-square $\chi^2 = 5.99$) (10 marks)

- b) 5 students chosen at random from 3 Universities and tested. Their scores were given in the table. Is there a significant difference in the scores of these students of these three Universities?

University		
A	B	C
90	70	60
70	40	50
60	50	60
50	40	70
80	50	60

$F_t = 3.214$ (10 marks).