**IQRA NATIONAL UNIVERSITY PESHAWAR**

**Final Term Exam 2020**

**Subject: Quantitative Techniques for Management**

**Marks: 50 Time: 04 hours**

Q1: Discuss the factor analysis and the statistics associated with it? (10 Marks)

Q2: (a) What is exploratory factor analysis? (5 marks)

(b) Discuss the main steps in the testing of hypothesis? (5 marks)

Q3: (a) Define chi-square and test for the goodness of fit? (5 marks)

(b) Explain one way analysis of variance in detail? (5 marks)

Q4: Explain the following (10 marks)

1. Multiple linear regression model
2. Correlation and regression
3. Confirmatory factor analysis

Q5: Interpret the following tables? (10 marks)

  