

B.B.A. Semester - 5 (CBCS) Examination**December - 2020 (Old Course)****STATISTICS GROUP: FUNDAMENTALS OF OPERATION RESEARCH (ELECTIVE)****Time: 1:30 Hours****Marks: 42****Instructions:**

1. Figures to the right indicate marks.
 2. There are five questions in the question paper.
 3. Answer any three of the following questions.
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- Q.1 (A) What is operation research? State its characteristics. (07)
- (B) Discuss the applications of O.R. (07)
- Q.2 (A) What is LPP? State the uses of a L.P.P. (07)
- (B) Explain the graphical method of solving a L.P.P. (07)
- Q.3 Describe simplex method (maximization case) for solving a L.P.P. (14)
- Q.4 What is an assignment problem? Describe Hungarian assignment method for solving an A.P. (14)
- Q.5 (A) Explain the difference between a T.P. and an A.P. (07)
- (B) Explain N-W corner method. (07)
