

**Class: B.Com.-Part-III, Sem.-VI**

**Subject: ADVANCED STATISTICS-PAPER-IV**

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- 1) The sum of terms of a sequence is called -----
- a) Partial Sum      **b) Series**      c) Finite Sum      d) None of them
- 2) An arrangement of Numbers according to some definite rule is called-----
- a) Sequence**      b) Combination      c) Series      d) Permutation
- 3) ----- are the restrictions or Limitations imposed on the LPP.
- a) Variables      b) Costs      c) Profits      **d) Constraints**
- 4) \_\_\_\_\_ specifies the objective or goal of solving LPP.
- a) Objective Function**      b) Decision Variable  
c) Constraints      d) Opportunity Cost.
- 5) When total supply is equal to total demand in transportation problem, the problem is said to be-----
- a) Balanced      b) Unbalanced      **c) Degenerate**      d) None of the above
- 6) ----- is used to verify the optimality of the current solution of the transportation problem.
- a) Least Cost Method**      b) Vogel's Approximation Method  
c) Modified Distribution Method      d) All of the Above
- 7) An arrangement problem is considered as particular case of transportation problem because-----
- a) The number of rows equal to columns      b) All  $x_{ij} = 0$  or 1  
c) All rim conditions are 1.      **d) All of the Above**
- 8) The Hungarian Method for solving an assignment problem can also be used to solve-----
- a) A Transportation Problem      **b) A Travelling Salesman Problem**  
c) A LP Problem      d) Both a & b