**Roll No. ………………………..**

**Renaissance College of Commerce & Management**

**Assignment Question Paper**

**BBA IVth Semester Examination**

 **Subject: OPERATION RESEARCH**

***Note*** *:* Attempt any All Question

1. What is an unbalanced assignment problem? How is the Hungarian method applied if the matrix is rectangular?
2. a. Differentiate between preventive and corrective maintenance.

b. Differentiate between group replacement and individual replacement. Under what circumstances is group replacement better?

1. a. What is a critical path in a network diagram?

b. What do you understand by total float of an activity?

c. What is a dummy activity?

1. Differentiate between :
2. PERT and CPM
3. Transportation and Assignment Problem
4. Suggest a solution of sequencing problem with n jobs and k machines where n = 1,2,3… and k = 2,3…..(n+1) where n < k.