**Roll No. ………………………..**

**Renaissance College of Commerce & Management**

**Assignment Question Paper**

**BBA III Semester Examination**

**Subject: Operations Management**

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

Q.1 What is Production and Operation Management?

Q.2 Explain functions and scope of Production/Operations Management.

Q.3 Differentiate between manufacturing & service Operations. Also give similarities between the two.

Q.4 What are different production systems? Explain characteristics of each type of production system.

Q.5. Readymade Garments manufacturer has markets in six metropolitan areas in France and is considering locating a warehouse in the area. The distributor has overlaid a grid on a map of the area and has collected data on the number of truckload containers shipped to each market area per month which is shown in the table below. Identify the metropolitan area that should serve as a starting point for possible location of the warehouse using Centre of gravity model.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | AREA A | AREA B | AREA C | AREA D | AREA E | AREA F |
| X-coordinate | 2 | 4 | 8 | 10 | 12 | 14 |
| Y-coordinate | 4 | 9 | 7 | 4 | 7 | 1 |
| Volume  | 120 | 650 | 400 | 90 | 85 | 200 |