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[57A3]

SARDAR PATEL UNIVERSITY

S.Y.B.B.A. SEMESTER- III (INTERNATIONAL BUSINESS)

Thursday, 8<sup>th</sup> December, 2016.

Time: 2.00 pm to 4.00 pm

UMO3CBBB06: Production and Material Management

Total marks: 60

- Q.1 Write short notes:
- a) Production and Material Management (07)
  - b) Plant Location (08)
- OR
- Q.1 Discuss in detail various factors affecting Plant Location by suitable examples. (15)
- Q.2 Write short notes:
- a) Product Layout (08)
  - b) Process Layout (07)
- OR
- Q.2 Discuss in detail various factors affecting Plant Layout. (15)
- Q.3 Discuss in detail a Process of Industrial Purchasing. (15)
- OR
- Q.3 Discuss in detail various types of Purchasing by suitable examples. (15)
- Q.4 Write short notes:
- a) Importance of Materials Management (08)
  - b) Inventory Control (07)
- OR
- Q.4 Attempt the following examples:
- a) Economic enterprise requires 90,000 units of a certain item annually, the cost per unit is Rs.3, the cost per purchase order is Rs. 300 and the inventory carrying cost is Rs. 6 per unit per year. What is EOQ? (05)
  - b) The inventory requirements of a company for the year is 30,000 units of raw material. The ordering cost is Rs. 80 per order and carrying costs are expected to be Re. 0.10 per unit. It can make purchases in lots of 30,000 units, 15,000 units, 7500 units, 5000 units and 2500 units. Find out the Economic Order Quantity with the help of Trial and error approach. (10)

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