

raw data into useful data for business purpose

- 3) _____ refers to a mode of business expansion that is characterized by a trade mark, license and payment of fees and significant control.
- 4) M commerce refers to the process of performing business transaction using an hand held _____ devices that connected to the wireless network
- 5) In network marketing distributors can further coordinate with other sub distributors to expand the organization's _____

PART B

(30 marks)

(Attempt any 3. Each question carries 10 marks)

- Q.5 a)** Explain the terms cost control and cost reduction? **[5 marks]**
- b)** Explain the importance of superior Energy Performance 50001? **[5 marks]**
- Q. 6. a)** Describe the main functions of Materials Management? **[5 marks]**
- b)** What is the meaning of high inventory turnover **[5 marks]**
- Q.7.a)** Explain briefly the Industry 4.0 environment? **[5 marks]**
- b)** Explain Industry 4.0 components **[5 marks]**
- Q.8. a)** What are the objectives of material handling equipment and types **[5 marks]**
- b)** Explain the objectives of a good plant layout **[5 marks]**
- Q.9 Write short notes on any two [2 x 5 = 10 marks]**
- a) IoS. (Internet of services). b) Types of Material handling equipment
- c) Types of inventory and Models .d) Role of purchase department

PART C

(20 marks)

Q. 10. Case study – Compulsory

A Chennai based precision Instruments manufacturing company XYZ having factories at multiple locations and having high reputation due to their quality of products. Company wanted to implement an ERP system to take care of Material Requirement Planning (MRP), Production Planning (PP), Sales and Marketing (SM), Materials Management and FICO. After analyzing various packages available, they decided to implement a reputed ERP package. Generally, an ERP package implementation takes around one year to implement and go on live. XYZ decided take help from a consulting firm to implement ERP. Company could complete implementation within six months and went live. Company did not allow much customization to ensure the original features of the ERP package is maintained (generally there is a tendency to customize and incorporate the features of legacy system).

After few months, company evaluated the performance and found that frequent production stoppages and inventory levels are going up. In certain cases the Purchase Requisition (PR) were not generated by their system. Company decided to form an internal team to study the problem. After in-depth study, the team found that data input was not proper. Many mandatory fields in the material master were missing. Entire material master and BOM corrected and uploaded afresh. During MRP Run, they found that most of problems noticed were solved and the utilization improved from 62% to 95%. They introduced B2B, and allowed the vendors and other users to access the system to improve communication and information sharing. Performance improved in all areas

- A) describe the problem faced by the company B) How company addressed the issue**
B) What are the suggestions emerged from the team's findings D) advantages of B2B implementation