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**M.B.A. (Part - I) (Semester - II) (CBCS) Examination, May - 2015**

**MANAGEMENT INFORMATION SYSTEM**

**Code : 57116**

**Day and Date : Wednesday, 27 - 05 - 2015**

**Total Marks : 80**

**Time : 11.00 a.m. to 02.00 p.m.**

- Instructions :**
- 1) **Qu.1 and Qu.5 is compulsory.**
  - 2) **Attempt any two questions from Qu.2 to Qu.4.**
  - 3) **Figures to right indicate full marks.**

**Qu.1)** Hindusthan Liver Ltd., is a leading manufacturer of Soaps. The manufacturing facilities and Head Office is situated in Delhi. The company is having a national market presence. The product range includes Soaps, Deodorants, Nail polishes and many other cosmetic items. The company has four regional offices at Bombay, Kanpur, Calcutta and Madras.

Information about anticipated sales is communicated by Branch Manager to Marketing Manager at Head Office in form of a weekly Sales Forecast. Based on the forecast received from Branch Managers, Marketing Manager prepares his own forecast which is sent to Manufacturing Manager on a weekly basis. Manufacturing Manager plans his production in order to make available materials as per the forecast. In order to ensure that proper raw materials are available for production, production manager communicates materials requirements to materials manager, materials manager in turn informs finance manager about the requirements of funds. After receiving confirmation materials places orders on suppliers.

In recent past, the materials manager found that the inventory was on the higher side. When he went into the details, he was surprised with the following observations.

- a) The stocks of finished items were higher by about 43% than average inventory of last year.
  - b) The pending orders awaiting execution were also on the higher side by 39%.
- Materials Manager then requested the Production Manager to check as to why he was producing items which were not needed & why he was

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not producing items for which orders were pending.

Production Manager went into the details to find out as to why such a situation had occurred. The observation of the Production Manager were as follows,

- a) He had prepared the production plan according to the forecast given by Marketing Manager.
- b) Actual orders placed by Branch Offices were not in line with the forecast. Since orders for forecasted items did not materialize, inventory had gone up.
- c) Since orders were received for items not in the forecast, there was no planned production against these items. As such, the orders were remaining unexecuted.

**Question:**

Suggest an Information System Solution by which similar problems can be prevented in future. [20]

OR

**Q.1) a)** Explain the different types of decision with decision making phases. [10]

b) What do you mean by HRIS? Explain different subsystems in HRIS. [10]

**Q.2) a)** Explain major problem areas in information system development and Implementation. [10]

b) Explain different characteristics and components of DSS. [10]

**Q.3)** What do you mean by information system? Explain various types of information systems used in organisation with their significance. [20]

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**Q.4) a)** Explain system life cycle with its phases.

**[10]**

**b)** Explain production information system in detail.

**[10]**

**Q.5) Write Short notes on(Any four)**

**[20]**

**a)** GDSS

**b)** Prototyping

**c)** Financial information System

**d)** Characteristic of System

**e)** Information System Literacy

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