

**VPM's**  
**DR VN BRIMS, Thane**  
**Programme: PGDM (2014-16)**  
**Fifth Semester Examination January 2016**

<b>Subject</b>	<b>Warehouse Management</b>		
<b>Roll No.</b>		<b>Marks</b>	<b>60 Marks</b>
<b>Total No. of Questions</b>	<b>7</b>	<b>Duration</b>	<b>3 Hours</b>
<b>Total No. of printed pages</b>	<b>3</b>	<b>Date</b>	<b>19.01.2016</b>

**Note: Q1 is compulsory and solve any FOUR from the remaining SIX questions.**

**Q1) 20 Marks (Compulsory)**

**a) Robust Warehouse Processes and Operations (15 marks)**

IBS Dynamanager is a key part of the supply chain that controls the movement and storage of materials within a warehouse and processes the associated transactions, including shipping, receiving, put-away and picking. IBS Dynamanager also directs and optimizes stock put-away based on real-time information about the status of bin utilization. It includes best of breed WMS and MES functionalities based on the latest Microsoft technology. Scalable, functional, easy-to-use and simple to implement, IBS Dynamanager represents the lowest total cost of ownership and fastest ROI in the industry – guaranteed.

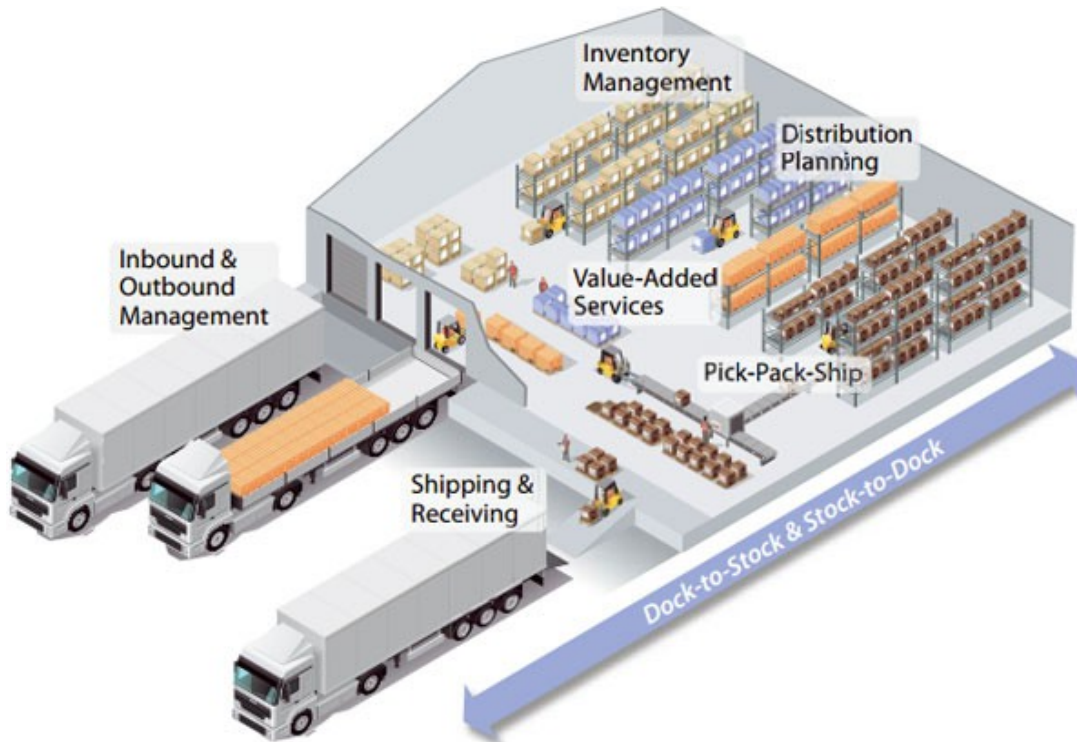
- Reduce inventory
- Reduce labor costs
- Increase storage capacity
- Increase inventory accuracy
- Turn your warehouse into your biggest business asset

Open, easy-to-integrate with ERP and material handling equipment, and engineered to provide strict process control, accurate data capture and complete visibility, IBS Dynamanager can be configured to run on-site or in the cloud. Ask any of their customers, including Volvo, Royal Canin, DSV, Picanol and Conad Adriatico. It pays to manage supply chain with IBS Dynamanager.

**IBS Dynamanager software includes:**

- **Complete Process Control:** ensures strict process control, accurate data capturing and complete visibility across manufacturing and distribution boundaries.
- **Value-Added Activities:** including inline services, such as customer labeling or perishable goods handling, or offline services, such as kitting, build-to-order and assembly.
- **Advanced Functionality:** addresses multi-owner, multi-site, dock and yard management, cross-docking, cartonization, labor management, multi-level container handling, returns and more.

- **Operational Transparency:** provides real-time, dashboard visibility across the organization, from vendor managed inventory and built-to-order, to supply-in-line sequence, reverse logistics and more.
- **Flexible Rules Engine:** ensures your processes fit your business, from how materials flow to how workflows are applied in specific instances.



- What are the enablers of IBS Dynamax which makes this company successful in terms of satisfying the customers ?
- How technology is playing vital role in the operations of IBS Dynamax ?
- Discuss why IBS Dynamax stands out in the market over the other companies?

**Q.1 b) Fill in the blanks**

- Term “Warehousing” is referred as transportation at \_\_\_\_\_ miles per hour
- warehouse capacity depends on how high goods can be stored is known as \_\_\_\_\_
- When an order is received, items must be obtained from the warehouse, grouped, & prepared for shipment, systems used is known as \_\_\_\_\_
- \_\_\_\_\_ occurs when a warehouse receives a single large shipment and arranges for delivery to multiple destinations
- \_\_\_\_\_ is the positioning of inventory for seasonal or promotional demand

**Attempt Any FOUR from the Remaining SIX Questions**

**Q2) Any one (a) or (b) \_\_\_\_\_ = 10 Marks**

- a) Discuss different functions of warehousing in detail with the help of flow diagram.
- b) Compare the different types of warehouses with respect to at least five factors.c)

**Q3) Any two from (a) or (b) or (c) ————— (5x2) = 10 Marks**

- a) State What are the general Principles followed in warehousing management.
- b) Discuss the factors influencing effective use of warehouses.
- c) Explain the term cross docking by giving example.

**Q4) Any two from (a) or (b) or (c) ————— (5x2) = 10 Marks**

- a) What are the different types of warehousing options available to the companies ?
- b) State the different factors considered while selecting the site for warehouse.
- c) “Normally the distribution warehouses of manufacturing firms have break bulk as the common activity” what is your understanding of Break bulk?

**Q5) Any two from (a) or (b) or (c) ————— (5x2) = 10 Marks**

- a) You as a warehouse manager, explain that what should be the focused objectives to make warehousing operations efficient.
- b) Discuss what is contract warehousing.
- c) Explain different warehousing strategies.

**Q6) Write short note on Any two from (a) or (b) or (c) ————— (5x2) = 10 Marks**

- a) Cube utilization and Accessibility
- b) Reverse logistics
- c) Consolidation

**Q7) Any two from (a) or (b) or (c) ————— (5x2) = 10 Marks**

- a) Explain the different costs come in picture while handling the warehousing operations?
  - b) Explain how warehousing is playing vital role in the logistic systems
  - c) State what is Hub networking and its advantages.
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