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P.E.S. College of Engineering, Mandya - 571 401 (An Autonomous Institution affiliated to VTU, Belgaum) Seventh Semester, B.E Industrial and Production Engineering Semester End Examination; Dec - 2016/Jan - 2017 Supply Chain Management Time: 3 hrs Max. Marks: 100			
Not	te: Answer FIVE full questions, selecting ONE full question from each unit.		
	UNIT - I		
1a.	What is supply chain Management? Describe with a neat sketch supply chain stages.		
b.	Explain the various decision phases in a supply chain.		
2 a.	Describe how the strategic fit achieved?		
b.	Write a note on Drivers of supply chain performance.		
	UNIT - II		
3 a.	Explain any five factors influencing distribution network design.		
b.	With a neat sketch explain distributor storage with a carrier delivery.		
4.	Write a short note on the following :		
	a) Impact of uncertainty on network design		
	b) Discounted cash flow analysis		
	c) Evaluating Network design decision using decision tree.		
	UNIT - III		
5 a.	Discuss an expression for the log size for simple product (EOQ) and multiproduct.		
b.	Explain the impact of supply uncertainty.		
6 a.	Write a short note on the following :		
	i) Trade promotions		
	ii) The role of safety inventory in a supply chain		
	iii) Optimum level of product availability.		
b.	Describe the managerial levers to improve supply chain profitability.		
	UNIT - IV		
7 a.	What are the modes of transportation? Explain each briefly.		
b.	Mention the pros and cons of different transportation networks.		
8.	Write a short on the following :		
	a) The role of IT in pricing and revenue management		
	b) Using pricing and revenue management in practice		
	c) Pricing and revenue management for seasonal demand.		

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UNIT - V

9 a.	Explain the various obstacles to coordination in supply shain.	15
b.	Write a note on managerial levers to achieve coordination.	5
10.	Write a short note on the following :	
	a) The Role of IT in supply chain	
	b) CRM	20
	c) RFID system	
	d) Lean supply chains.	

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