		(Duration: 2 ½ Hour	\mathbf{s}) (Maximum Mar	ks: 75)
N.B.	1. An	nswer all the questions.		200	
	2. Th	e Marks are assigned on the	R.H.S.	388	
		raw Illustrations, diagrams a		erever necessary.	
		se of simple calculator is allo			
	05	91 2 	, , , , , , , , , , , , , , , , , , ,	27335 C	
O.1 a) Choos	se Correct Alternative. (Atten	npt Any 8 questio	ns)	(8
_		stream supply chain is:	1 5 1	55555	
ä	a. Excl	usively inside an organizatio	n.		
		lved with procurement of ma			
		distribution of products or de	elivery of services	to customers.	
(d. None	e of the above.			
2 Th	a fallar	vina is not a stage on phase in	into cuption of or		
		ving is not a stage or phase in line integration b. F	integration of suffinancial integration		gement.
		9	External integratio		
`		ar integration a. I			
3. Th	e follow	ving is not component of a wa	arehouse.		
	. Space				
4. To		e the marketing objectives for			
		d functional components of p			
a. ac	esthetics	b. logo	c. characters	d. branc	l name
5 Th	a banafi	it of reduction in per unit tran	sportation cost as	the bulk of the i	toms transported
		alled as	isportation cost as	ule bulk of the f	tems transported
	scount	b. Economies	of scale c.	Trade Offs	d. Price Skimming
					C
6. W	hich of	the following is not an eleme	ent of Ordering Co	ost	
	a.	Internet Cost for Sourcing		\$ 25°C	
	b	Internet Cost for placing pr	urchase order	2000	
	C. 6	Storing Cost		6	
	do so	Telephone Cost to Supplie	CONTRACTOR OF THE PROPERTY OF		
7. &		is a propose of astimat	ing the convice or	nroduct quantity	required by the and
() () () () () ()	mers.	is a process of estimat	ing the service of	product quantity	required by the end
201	v () / / / / / / /	orecasting b. Prediction	c. Projec	ction Method	d. Inventory Control
			No.	tion without	d. Inventory control
8. M	RP - I st	ands for:			
9,50%	a.	Management Reaction Plan	nning		
666	5 6 5 b,	. Master Resources Producti	on		
	O C.	Manufacturing Resource P	lanning		
	V (V (V)	. Materials Requirements Pl	-		
100 C		1000 100 A 200 B	_		
9. Co	7 V V V	s manage their global supply			
2,000		information	b. competitor		
3200	200 (b)	. skilled operators	d. none of th	e above	
5805			Page 1 of 3		
2003	20 20 26 A	7 8 8 8 8 8 F	uge I UI J		

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	oncept of Double Stack					•	984 by	× × × × ×	<u> </u>	VXV) VO [V.	
	Presidential Lines			Presider an Pres			0000	200			
c. France	Presidential Lines	a. <i>A</i>	Americ	an Pres	identia	Lines	45.0°			8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	
						2007					
O.1 b) M	latch the right and close	lv related	l answe	er from	Colum	n Y wit	h the to	erms giv	ven in C	Column	
	K. (Attempt Any 7 quest	•			\$	200 E	2000			(7)	
Column				Column Y						2000	
1) Quality Performance					a) Time and Place Utility						
2) Tertia	ary Packaging		b) Free Home Delivery								
3) Value	added customer service		c) Static, Dynamic and Surrogate								
4) Missi	on Based Costing		d) 1 st Party Logistics						233		
5) Produ	ctivity Measure	R	e) Downstream Logistics						6 4 Op		
6) In Ho	ouse Logistics		8	f) Macro Costing concept						57.78	
7) Servi			290		ds pack	A/3 (A) / A /	- 1 6/ 6	8/3/2/	4000		
	ound Logistics		F 93	h) Upstream Logistics						0	
9) Logistics adds value				i) Wrapping and Grouping of secondary packages							
10) General Cargo					j) Case Fill Rate, Line Fill Rate, Order Fill Rate						
	<u> </u>		2/2/2/2	k) Perfect Order							
		943,78		1)Micro Costing Concept							
c) M	Explain reverse logistic From the following data Ionth to 8 th Month, with most recent period and	ta, calcula	ate a 3	Operiod 2 and 1	R weighte The la	(7)	_	_			
ι		CAN ON A	000			T _		_		(10)	
	Period (Month)		200	30	4	5	6	7	8		
80	Demand in Units	160	180	190	210	230	240	250	?		
d)	Compare Public and Pr	rivate Wa	rehous	ing.	<u> </u>					(5)	
	wer the following.									(3)	
	State and explain vario	us Inforn	nation '	Fechno	logy to	ols used	d in Lo	gistics a	nd Sup	nlv	
S S S C	hain Management.		150 A				a in Eo	5134163 6	ina bap	(8) (7)	
b) Explain Milk Runs and RORO with suitable examples.											
				OR							
(c)	State various material h	nandling	equipm	ent use	d for e	fficient	handli	ng.		(8)	
(d)	Discuss benefits of ICI	O's / CFS	.							(7)	
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8 5 6 B											
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Q.4. a) The annual demand for a particular item is 15000 units, unit cost is Rs. 4/- Carrying cost on an average inventory is 30% and the ordering cost per order Rs. 50/-.

Find 1) EOQ (3)

- 2) Total Inventory Cost. (3)
- 3) If purchase manager has decided to place purchase order with minimum order quantity of 3000 units to get unit cost discount of 10 % per unit. State Purchase Manager is justified in his decision? (4)
- b) What is global Supply Chain? Discuss objectives of global supply chain. (5)

OR

- c) State merits and demerits of waterways and roadways as mode of transportation. (8)
- d) Classify and explain elements of customer service. (7)
- Q.5. a) Read the case and answer the following.

M/s Aaradhya Limited is situated near Delhi. The company supplies dashboard assembly as a 4PL supplier to Amit Udyog Ltd. Since last 5 years. There are number of components in the dashboard. Aaradhya Limited Purchases these individual components from various suppliers and assembles them at their works for onward supply to Amit Udyog Limited.

One of the major component namely "starter switch" is always the problem. Since Aaradhya Limited does not observe any systematic inventory control method in their purchasing activities, they just order the quantity as and when the demand arises. As this product is not available off the shelf, many times delays occur in arranging for assembled dashboard to Amit Udyog Limited. This in turn, result into financial loss to Aaradhya Limited due to penalties imposed by Amit Udyog Limited. As per the agreement, towards delays in supply of dashboard assembly.

Questions:

- 1. Define out sourcing. Explain the role of 4th party logistics in the above case. (8)
- 2. How Aaradhya Limited can avoid financial penalties imposed by Amit Udyog Limited? (7)

OR

b) Write short notes on following. (Any 3 out of 5)

(15)

- i) Extended Enterprise
- ii) Selective inventory control techniques
- iii) Total Cost Approach or Analysis
- iv) Principles of LIS
- v) Green Logistics.

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