## Paper / Subject Code: 46001 / Logistics & Supply Chain Management

	[Time: 2 1/2 Hours]	[Marks:75]
	<u>, 5</u>	. P
NR	1 Anomoralista	
II.D.	1. Answer all the questions.	
	2. The Marks are assigned on the R.H.S.	A. T.
	3. Draw Illustrations, diagrams and Schedules wherever necessary.	
	4. Use of simple calculator is allowed.	1
<b>.</b>		
Q.1 A	A) Choose Correct Alternative. (Attempt Any 8 questions)	8
. 1.	Outbound Logistics is also known as Logistics.	
	a. Upstream b. Downstream c. Reverse d. Green	100
2.	. The 3 C" S in business are Company, Customer and	S.
	a. Cycle b. Competitor c. Carrier d. Creditors	
	S. Station	
3.	is a qualitative technique of demand forecasting.	, & d
	a. Moving average b. Delphi Method c. Exponential smoothing d	. Regression
	Single Strategy of the contract of the contrac	Y St.
4.	COFC stands for	
	a. Container on Flat car b. Car on Flat Car c. Container on Fr	eight Carrier d.
	Carrier of Freight car	1
5	. Inter Modal Transportation which combines Air & Road	3,
	a. Fishy Back b. Birdy Back c. Land Bridge d. Piggy Back	<del></del>
7		100
6.		goods prior to
	payment of taxes.	2.1
	a. Bonded b. Contract c. Public d. Cross-dock	-
_		
7.	Total cost approach is extension of	T 1'4'1 D/T
3.	a. Activity based costing b. Extension of mission based costing c. and Balance Sheet d. Extension of ABC & MBC both	Traditional P/L
	and Balance Sheet d. Extension of ABC & MBC bottl	
8	RORO is a type of	
٠.	a. Material handling equipment b. Warehouse c. Packaging mater	ial d.Shipping
	vessel	11 0
9.	A network of highways connecting India's 4 Metropolitan c	ities is called
1		edicated freight
0,	container	
- 1		las alsa las
10.		ly chain
	a. Agile b. Lean c. Global d. Domestic	

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				. ~	-	11.				e de la companya del companya de la companya del companya de la co
B) State	whether the following	na staten	nents s	re Tr	ue or I	Talse:				7
a)	Lack of communication	n betwee	en men	bers	of supp	ly chai	n lead	s to Bu	ll with	effect.
b) •	Customer service is a	process	of pr	ovidin	g signi	ficant	value	added	bene	fits to the
	supply chain in a cost-	effective	way.			, ~.,	)		5	-
c) '	Time series is a quality	ative met	hod of	dema	nd fore	casting	3	17.7		in.
d)	When the ownership	of the	wareho	ouse is	with	the co	ompan	y is c	alled	as Public
	warehouse.			1200		7	14.			
e)	Geographical flexibili	ty is high	in Pri	vate w	arehou	ses.	14.2			
į)	The purpose of materi	al handli	ng is to	reduc	e the t	otal ef	forts a	nd arri	ve at a	n optima
	COST.	<b>a</b>		- 4		·		1	) .	· ·
h)	SDE analysis stands for In Milk run operation	or Season	lable-	Desira	ole – E	ssentia	l. 		أمام	annalse te
,	multiple retailers.	n a Sing	gie in	ICK DE	envers	snipme	nt iro	m a s	ingle	suppry to
	EDI refers to storage	and Com	munica	tion o	f data i	n elect	ronic f	orm .	100	
j)	Lean supply chain	works b	est in	high	volum	ne Lo	w var	ietv a	nd n	redictable
	environment.	, in	-		· · · · · · · · · · · · · · · · · · ·	200	)		a p	
		4				16	3		16	<i>J</i>
Q.2) A	Explain what is log	sistical p	erform	ance r	neasur	ement?	What	are t	he ele	ments of
	logistics internal per	formance	measi	ıremer	it?					(08)
B	Explain Inbound and	Out bou	nd logi	stics w	ith exa	mple.	)	in		(07)
C) Fr	om the following day	to action	1040 -	OR	$\mathbf{Y}$	2		in the		
M	om the following date onth to 8 th Month, w	ith weigh	te ac 3	2 peri	od we	ighted	movin	g ave	rages	from 4th
m	ost recent period and c	urrent D	emand	Value	1. The	larges	t weigh	nt is be	ing as	
4		Ö 4	Contract of the second	, arac	· And					(10)
7.3v					,	-5-		4		
€ <sup>3</sup>	Period (Month)	1	2	3	4	5	6	7	8	
7	Demand in Units	200	220	230	25.0	260	270	290	?	1
				1	5		en	100		J
D) Con	npare Public and Priva	te Warel	nousing	3		4		1m		(05)
San				100		60.		×2.		
Q.3 A)	Explain the concept of	of Missio	n Base	d Cost	ing (M	BC). (	Compai	re MB	C with	
, D)	traditional method o	f Costing	ļ				30			(08)
В)	Explain Pipeline as a	mode of	transp	ort wi	th relat	ed adv	antage	s and d	isadva	
			e Sir	OD a		1				(07)
C	What are the benefits	of Logi		OR Ç	raina?	Diff	4:-4-	L	201	LADY
(L. C)	What are the benefits Logistics.	of Logi	siicai (	Juisou	reingr	Differ	entiate	betwee	en 3PL	
	What is Primary, Sec	ondary &	tertia	ry Pac	kaging	Evol	in the	hanafi	ts of G	(80)
7,	packaging in Modern	Logistic	CS	1 9 1 40	Kaging	. Laple	iiii iiic	ochen	12 01 0	(07)
Cig	F	208.011		4.	A. A.					(07)
* 4. g.	/04			4.						
Q.4 A)	Define EOQ. The ann	ual dem	and for	r a par	ticular	item is	20000	units	, unit c	ost is Rs
	5/- Carrying cost on a									
	40/		1.							
										(08)
Fin								- 1		
1.	2) Total Inventory	Coet								

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				\$ 5
B) Explain Logistics parks ar Logistical Infrastructure?	nd Deep waterPort	s. What is	their importance	in Modern (07)
C) Define Material Handling. E: D) State the Principles for design	xplain Guidelines o	r Principles of Information	f Material handlin Functionality)	g (08) (07)
Q.5) Case Study:-	3 10			
According to official records, frequency for total of 6.1 billion doses globally. Although the rapid defectivement, health-care system maintaining the supply chain of the COVID-19, a vaccine supply speed, temperature control, say distribution. A typical supply official	evelopment of COVID-19 evelopment of COVID-19 evelopment of COV ms around the gl f vaccines for their ly chain that makes afety and security, chain solution would ackle these problem e was the temperatury countries, dayting the distribution, stored distribution, stored distribution, stored this aspect, development of the challes of the challes of the challes of the challes of the covidence of the covidence of the covidence of the covidence of the challes of the covidence of the	vaccination /ID-19 vacci obe were fa populations. its biggest c and the glob if focus on an saltogether. The control of the temperature the world age, freezing were lost owinges faced with are otherwip and strengt 9 vaccines of vaccines of vaccines assess, designed dispose interval of the morting of vaccines and dispose interval of vaccines	nes had generated acing the complete the complete the complete the control of the control of the cold chain were reach around the cold chain were reach around the cold chain of the cold chain	I enormous ex task of l aspects to traceability, effort and ues, but the ith extreme 50°C with e logistical ion system. problems. developing many other strategies to y products; nation sites; and safety of appropriate otecting the equirements,
a) State the Facts and analys	e the case	3		05
b) Explain what is Cold Cha	in I ogistics and its	importance?	Ju."	05
c) Critically explain the role	of Cold Chain Log	istics in Effe	tive distribution d	&
administration of Covid -	19 Vaccines?			05
OR	.,	(2)		
	1	Care		
B) Write Short Notes on: (A a) Reverse Logistics b) Perfect Order c) Bullwhip Effect d) Global Logistics Trend e) LASH				(15)

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