

Name:	 UPES UNIVERSITY WITH A PURPOSE
Enrolment No:	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, December 2019

Course: Introduction to Logistics	Time: 03 Hours
Semester: I	Max. Marks: 100
Program: BBA-LM	
Course code: LSCM 1001	
Instructions: Answer all sections as per instruction.	

SECTION A

		Marks	CO
Q 1	Answer all questions of this section. <i>Overwriting is not permissible in this section.</i>	20	
(i)	Give two examples of logistics drivers with reference to SCM.	2	1
(ii)	Give two examples of cross-functional drivers with reference to SCM.	2	1
(iii)	Like manufacturing provides form utility, logistics provides _____ and _____.	2	1
(iv)	List the types of warehouses.	2	1
(v)	Write the expanded forms of WMS and TMS.	2	1
(vi)	Skid-tables are used for _____ products. [standard/ non-standard]	1	1
(vii)	The assessment of goods with a ratio of price to weight is known as its _____.	1	1
(viii)	FSN analysis of inventory is done on the basis of _____.	1	1
(ix)	For EOQ, annual ordering cost is half of total annual inventory cost. [True/ False]	1	1
(x)	SOS analysis of inventory is done on the basis of _____.	1	1
(xi)	Write a mathematical expression for 'supply chain surplus'.	1	1
(xii)	NVOCC stands for _____.	1	1
(xiii)	MHES stands for _____.	1	1
(xiv)	The warehouse that deals with import-export goods is _____.	1	1
(xv)	_____ warehouse is most often attached to a manufacturing facility.	1	1

SECTION B

Q 2	Answer any <u>four</u> questions.	20	
(i)	Discuss packaging as a warehouse operation.	5	3
(ii)	Write short notes on 'Hub and Spoke' model of transportation.	5	3
(iii)	Write short notes on 'Cold Chain Logistics'.	5	3
(iv)	Discuss the concept of 'cross-docking' as a warehouse operation.	5	3
(v)	List and explain five material handling principles observed in a warehouse operation.	5	3
(vi)	Write short notes on 'ABC inventory analysis'.	5	2

SECTION-C

Q 3	Answer any <u>three</u> questions.	30	
(i)	Explain the factors that determine a particular mode of transportation to be selected.	10	2
(ii)	What are the factors considered and techniques used for selecting a warehouse location?	10	2
(iii)	Explain how the products and the related information and flows across a supply chain. Indicate there in the role of logistics management with reference to the channel structure.	10	4
(iv)	Derive mathematical expressions for – <ul style="list-style-type: none"> • Total annual inventory cost • Economic ordering quantity 	10	2
(v)	Explain the similarities and dissimilarities in 3PL and 4PL logistics services.	10	3
SECTION-D			
Q 4	Answer the <u>two</u> questions related to the following discussion.	30	
(i)	Write in short how these documents are significant to logistics operations – <ul style="list-style-type: none"> • Packing Slip • Loss & Damage Report • Way Bill • Stack Card 	20	1
(ii)	Discuss the implication of IT on the above documents in the recent times.	10	5