

Name:	
Enrolment No:	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, December 2018

Course: LSCM 8015	Semester: III
Programme: MBA-AVM	Subject: Supply Chain Management & Logistics for Aviation
Time: 03 hrs.	Max. Marks: 100
Instructions:	

SECTION A

S. No.	Attempt all of the following, each question carry two marks.		
Q 1	Service logistics	2	CO 1
Q 2	SCM	2	CO 1
Q 3	BPR	2	CO 1
Q 4	Replenishment Cycle	2	CO 1
Q 5	3PL	2	CO 1
Q 6	Push view of supply chain	2	CO 1
Q 7	Responsiveness vs efficiency	2	CO 1
Q 8	EOQ	2	CO 1
Q 9	GSCM	2	CO 1
Q 10	SSCM	2	CO 1

SECTION B

Attempt any Four

Q 1	Design a framework for structuring drivers of supply chain specific to airports.	5	CO3
Q 2	What do you understand by SCM? Draw the flowchart of integrated supply chain network.	5	CO2
Q 3	Discuss the role of information with respect to airline supply chain process.	5	CO3
Q 4	The following information is known about a group of items. Classify the material in A, B, C categories and draw ABC chart also.	5	CO3
	Model No. Volume Unit Price		
	1 1000 90		
	2 500 154		
	3 1550 17		

	4	350	42.86		
	5	1000	12.5		
	6	600	14.17		
	7	2000	0.6		
	8	100	8.5		
	9	1200	0.42		
	10	250	0.60		
Q 5	Discuss SCM activities with reference to aviation industry.			5	CO3
SECTION-C					
Attempt any three					
Q 1	What is EOQ model? Develop equation for optimal quantity, cycle time and cost.			10	CO2
Q 2	Describe the drivers of supply chain with reference to aviation industry.			10	CO3
Q 3	Discuss distributor perspectives: Downstream entities involved in aviation business.			10	CO3
Q 4	Discuss critical success factors for implementing sustainable supply chain practices in aviation domain.			10	CO4
SECTION-D					
Q 1	Discuss overview of services: GHs/Airport/Airlines/ATC & their SCs with reference to SC planning, design and operations.			20	CO4
Q 2	Discuss supplier perspective: Upstream entities involved in aviation business.			10	CO3