

Name:	
Enrolment No:	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, July 2020

Course: Business and Supply Chain Risk Management
Programme: MBA LSCM
Time: 03 hrs.
Instructions: As per sections

Course Code: LSCM7006
Semester: IV
Max. Marks: 100

SECTION A (30 Marks)

S. No.	Attempt all questions in this section	Marks	CO
Q 1	Answer the following	30	
a)	The full form of MTPoD is _____	5	1
b)	What is risk? (i) Negative consequence that could occur (ii) Negative consequence that will occur (iii) Negative consequence that must occur (iv) Negative consequence that shall occur	5	1
c)	Risk management is responsibility of the (i) Customer (ii) Investor (iii) Developer (iv) Project team (v) Production team	5	1
d)	The full form of RACI is _____.	5	1
e)	RE represents (i) Risk expense (ii) Related expense (iii) Risk exposure (iv) Risk evaluation	5	1
f)	Which of the ISO standard is used for risk management? (i) ISO 18000 (ii) ISO 22000 (iii) ISO 15000 (iv) ISO 31000	5	1

SECTION B (50)

	Attempt all questions	50	
Q2	Explain Business continuity Strategy? What are the various levels of BCM strategy?	10	3
Q3	Explain the following supply chain coordination systems (i) CPFR (ii) VMI (iii) ECR?	10	2
Q4	Explain the various pillars of supply chain risk management?	10	2
Q5	Discuss in short any five robust strategies for managing supply chain disruptions?	10	3
Q6	What is the difference between risk & uncertainty & also what are the various types of uncertainty?	10	2

SECTION-C(20 Marks)

	Read the case & attempt all questions	20	
Q7	Since September 11, 2001, there has been a tremendous increase in security concerns. This includes transportation routes of supply chains, because of the threats		

	<p>of terrorism through sabotage of shipping. Thus the United States as well as all of the countries that participate in supply chains leading to the United States are extremely concerned with protecting shipping. Half of U.S. imports arrive via shipping, with about nine million containers arriving each year. Such shipping can be used to transport illegal immigrants, smuggled goods, and weapons, but the primary concern is weapons of mass destruction. The Brookings Institute estimated that the expected loss from a detonated weapon of mass destruction could be \$1 trillion, and the threat of terrorism has led to a decrease in investment in the United States of 0.2% of gross domestic product. The Yang case reported efforts in Taiwan to identify risks using a risk management matrix considering the severity and frequency of risks, and applying the matrix to select appropriate risk management responses. In this case, the risk matrix was developed by assessing when to apply one of three risk treatments: For low risk levels, risk would be self-contained, which is a way of saying the firm would self-insure or take on the risk itself. The intermediate response level was to consider insurance and loss reduction actions. For high risk levels, the policy response was to take actions to avoid risk and transfer it to others through contracts or other means. The two risk matrix dimensions were frequency and severity</p>		
a)	Analyze the case. Identify the various types of risk associated with the business on the basis of frequency & severity (qualitative or quantitative)?	10	4
b)	Discuss in short what are the various risk mitigation strategies that can be adopted in this situation?	10	4