



Name:	
Enrolment No:	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, May 2022

Course: Sustainable Supply Chain

Program: MBA Core (Spz. Operations)

Course Code: LSCM 7012

Semester: IV

Time : 03 hrs.

Max. Marks: 100

Instructions:

**SECTION A
10Qx2M=20Marks**

S. No.		Marks	CO
Q 1	Define the following: a) Waste-I b) Waste-II c) Waste-III d) Waste-IV e) Reverse flow logistics	5Qx2M = 10 Marks	CO1
Q 2	Sustainable supply chain is not restricted to so called _____ supply chain.	2 Marks	CO1
Q 3	EDI stands for _____.	2 Marks	CO1
Q 4	The concept of _____ is to integrate environmental thinking into SCM including product design, material sourcing and selection, manufacturing processes, delivery of final product as well as end of life management of the product after its useful life.	2 Marks	CO1
Q 5	_____ indicates true level of nation's wealth, environmental protection, crime, unemployment and social cohesion.	2 Marks	CO1
Q 6	Write one primary goal of sustainability.	2 Marks	CO1

**SECTION B
4Qx5M= 20 Marks**

Q 7	Write down any two managerial practices to achieve sustainability within supply chain.	5 Marks	CO2
Q 8	How to measure social sustainability using Human Development Index (HDI)?	5 Marks	CO2
Q 9	Which sustainability performance issues most concern in your company?	5 Marks	CO2
Q 10	What hinders sustainability innovation in your supply chain?	5 Marks	CO2

**SECTION-C
3Qx10M=30 Marks**

Q 11	List down any 10 enablers for sustainable supply chain management. OR What are the three distinct levels of green supply chain performance indicators.	10 Marks	CO1
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Q 12	In what ways, the following can be useful for sustainable development: a) Wind Energy b) Green Space c) Sustainable construction d) Sustainable Fishing practices	10 Marks	CO2
Q 13	Do a comparative study for electric cars and petrol cars. Why people do not buy electric cars in India?	10 Marks	CO3
SECTION-D 2Qx15M= 30 Marks			
Q 14	<i>“The Brundtland reports mentions several time the importance of the economic, social and environmental dimensions within sustainability”</i> . Comment on this and support using diagram.	15 Marks	CO3
Q 15	Discuss ecological sustainability with diagram. What are the activities considered when constructing a person’s ecological footprint?	15 Marks	CO3