Name:

Enrolment No:

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, December 2022

Course: Logistics Planning and Strategy
Semester: 5th
Program: BBA-LM **Time : 03 hrs.**
Course Code: LSCM3011 **Max. Marks: 100**

Instructions:

SECTION A
10Qx2M=20Marks

S. No.		Marks	CO
Q 1	CRM stands for…….	2	CO1
Q2	JHF Stands for…..	2	CO1
Q3	With pull processes, execution is initiated in response to…….	2	CO1
Q4	The goal of the replenishment cycle is to ensure…….	2	CO1
Q5	Creating strategic fit is all about designing a supply chain whose….aligns with the implied uncertainty it faces.	2	CO1
Q6	FSN stands for…….	2	CO1
Q7	Mature products have ……(higher/ lesser) supply uncertainty	2	CO1
Q8	Transport services taking place over highly competitive segments tend to be of lower cost than in segments with limited competition. (True/ False)	2	CO1
Q9	Operation management function includes……	2	CO1
Q10	Value = Function or Performance or Quality/ (……)	2	CO1
	SECTION B **4Qx5M= 20 Marks**		
Q1	Define business organization and its characteristics	5	CO2
Q2	Describe FSN analysis?	5	CO2
Q3	List down the roles and responsibilities of an operation managers?	5	CO2
Q4	Outline various spectrums of responsiveness?	5	CO2
	SECTION-C **3Qx10M=30 Marks**		
Q1	Explain the strategic fit? How is it achieved?	10	CO3

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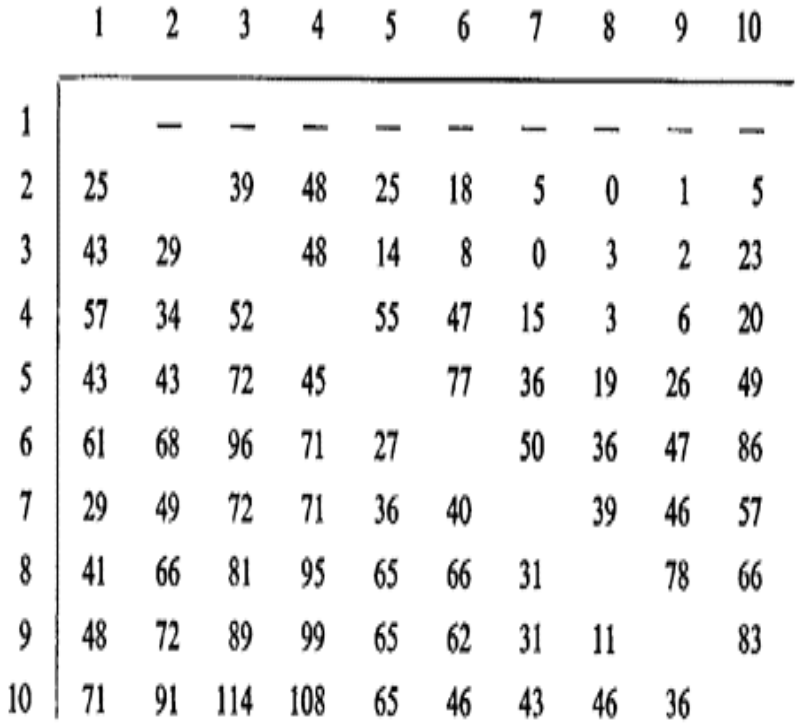
<tr><td>Q2</td><td>Describe the macro processes of supply chain in a firm? Discuss.</td><td>10</td><td>CO3</td></tr>
<tr><td>Q3</td><td>Describe the conditions that affect transportation costs? Discuss in detail.</td><td>10</td><td>CO3</td></tr>
<tr><td>OR</td><td>Why and how ABC analysis done? Discuss in detail.</td><td>10</td><td>CO3</td></tr>
<tr><td colspan="4">SECTION-D
2Qx15M= 30 Marks</td></tr>
<tr><td>Q1</td><td>Evaluate Vehicle routing problem using Clark algorithm
Find out the best route for single vehicle routing problem when vehicle capacity is 16
 
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<tr><td>Quantity</td><td>4</td><td>6</td><td>5</td><td>4</td><td>7</td><td>3</td><td>5</td><td>4</td><td>4</td></tr>
</table></td><td>15</td><td>CO4</td></tr>
<tr><td>Q2</td><td>Define warehousing? Discuss the needs, merits, and demerits of warehousing.</td><td>15</td><td>CO4</td></tr>
<tr><td>OR</td><td>Discuss three types of decision phases in supply chain in details.</td><td>15</td><td>CO4</td></tr>
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