



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, December 2021

Course: Multimodal Transport

Semester : 3

Program: MBA Logistics and Supply chain mgt

Time : 03 hrs.

Course Code: LSCM 8004

Max. Marks: 100

Instructions: Students may use their own calculator for section D.

Q.No	Section A (20 Marks)	Marks	COs
	Define the terms given in one or two sentences 10 x 2 = 20 marks		
Q1	UNCTAD	2	CO1
Q2	Fumigation	2	CO1
Q3	ICD	2	CO1
Q4	TEU	2	CO1
Q5	LCL cargo	2	CO1
Q6	GRI	2	CO1
Q7	Short sea Shipping	2	CO1
Q8	DDU	2	CO1
Q9	CAF	2	CO1
Q10	FMC	2	CO1
	Section B (20 Marks)		
	Answer the below questions in short 4 X 5 = 20 marks		

Q1	Discuss about palletization, unitization and their need in multimodal transport?	5	CO2																																																	
Q2	Explain various features of Hague Visby Rules?	5	CO2																																																	
Q3	Discuss the role of multimodal Transport in evolution of Global trade?	5	CO2																																																	
Q4	Explain various duties and responsibilities of Multimodal transport operator?	5	CO2																																																	
Section																																																				
Q1	Illustrate various salient features and functions of Bill of Lading?	10	CO3																																																	
Q2	Explain various types of containers and their features ?	10	CO3																																																	
Q3	Review the present state of inland waterways of India and their contribution towards multimodal transport.	10	CO3																																																	
Section D (30 Marks) Solve the below question and explain in proper steps																																																				
Q1	<p>Please find below prices for LCL consolidation of 20ft container from ICD Tughlakabad.</p> <p>Selling Price of IHC: Rs 1500/CBM</p> <p>Container IHC charged by the shipping line Rs 24000/ 20 ft container.</p> <p>Ocean freight for 1 x 20ft container to various ports from JNPT.</p> <p style="padding-left: 40px;">Singapore: 200USD/20ft container. Port Kelang: 250 USD/20 ft container. Colombo: 150 USD/20ft container.</p> <p>Calculate which is the most economical route of consolidation and the profit along with comparison with other routes. Assume 1 USD = INR 75. Marks to be given for steps, explanation and clarity.</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>S no</th> <th>Destination</th> <th>Volume</th> <th>Consolidator rates via Singapore in USD/CBM</th> <th>Consolidator rates via Port Kelang in USD/CBM</th> <th>Consolidator rates via Colombo in USD/CBM</th> <th>Selling price of the cargo in USD/CBM</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Sydney</td> <td>5 cbm</td> <td>32</td> <td>29</td> <td>33</td> <td>45</td> </tr> <tr> <td>2</td> <td>Melbourne</td> <td>6 cbm</td> <td>34</td> <td>33</td> <td>29</td> <td>47</td> </tr> <tr> <td>3</td> <td>Fremantle</td> <td>4 cbm</td> <td>37</td> <td>35</td> <td>36</td> <td>52</td> </tr> <tr> <td>4</td> <td>Auckland</td> <td>3 cbm</td> <td>31</td> <td>36</td> <td>34</td> <td>42</td> </tr> <tr> <td>5</td> <td>Napier</td> <td>2 cbm</td> <td>27</td> <td>25</td> <td>28</td> <td>38</td> </tr> <tr> <td>6</td> <td>Wellington</td> <td>2 cbm</td> <td>29</td> <td>27</td> <td>28</td> <td>36</td> </tr> </tbody> </table>	S no	Destination	Volume	Consolidator rates via Singapore in USD/CBM	Consolidator rates via Port Kelang in USD/CBM	Consolidator rates via Colombo in USD/CBM	Selling price of the cargo in USD/CBM	1	Sydney	5 cbm	32	29	33	45	2	Melbourne	6 cbm	34	33	29	47	3	Fremantle	4 cbm	37	35	36	52	4	Auckland	3 cbm	31	36	34	42	5	Napier	2 cbm	27	25	28	38	6	Wellington	2 cbm	29	27	28	36	30	CO4
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