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JAIPURIA INSTITUTE OF MANAGEMENT, NOIDA
PGDM / PGDM (M) / PGDM (SM)
FOURTH TRIMESTER (Batch 2017-19)
MID TERM EXAMINATIONS, AUGUST 2018

Course Name	Operations & Logistics Management	Course Code	OP 401
Max. Time	1 hour	Max. Marks	20 MM

INSTRUCTIONS:
Answer all questions.
Proper justifications and appropriate examples would carry due weightage.

Question 1 [5 + 3=8 Marks]

Nikitasha Exports has got an export order recently for export of Handicrafts to Stuttgart in Germany. The destination port would be Hamburg, Germany. However, this is a small shipment and cannot be sent as an FCL. The only choice Mr. Alok Lamba of Nikitasha Exports has is to send it as an LCL shipment. Since the size of the shipment is comparatively big for LCL shipments, Alok wants to make sure that he gets the best offer from a Freight Forwarder and thereafter appoint him as a 'carrier' for a through Bill of Lading from ICD Tughlakabad (Also referred to as ICD TKD and is the closest ICD as goods are manufactured in and around Delhi). After stuffing at ICD TKD, the selected freight forwarder will have the container railed out to the port of Nhava Sheva for shipment to Hamburg.

Alok calls in for 2 quotations and compares the rates given below. Since he has to execute the order in the next one week, he is busy in his follow up with his vendors so that the export shipment leaves on time, as the items are meant for Christmas sale in Germany. He has sought your opinion and wishes you to compare the two quotes and give your advice in the matter. The brief details of the shipment are given below:

Commodity: Handicrafts packed in cartons

Number of cartons: 75

Size of cartons: 70 cms x 60 cms x 50 cms (Each carton) – (Total 35 cartons)

85 cms x 55 cms x 55 cms (Each carton) – (Total 40 cartons)

Total weight of shipment: 8,100 Kgs

Sr. No	Charge Head	Quote from FF 1	Quote from FF 2
1	Transportation from warehouse of Nikitasha Exports to ICD TKD	INR 4,500	INR 4,000
2	Off-loading from Truck to warehouse at ICD TKD	INR 50/M.T. or part thereof	INR 50/M.T. or part thereof
3	Custom Clearance (Lump sum)	INR 4,500	INR 3,900
4	Ocean Freight (Nhava Sheva to Hamburg)	USD 46 W/M	USD 38 W/M
5	Custom Clearance at Hamburg (Lump sum)	Euro 80	Euro 90
6	On-carriage from Hamburg to Stuttgart (including loading at Hamburg) – (Lump sum)	Euro 100	Euro 110

| 7 | Transit Time (ICD TKD – Stuttgart) | 38 Days | 48 Days |
| 8 | Transshipment | None | One (At Rotterdam) |

Notes:
1. FF1 & FF2 mean Freight Forwarder 1 and Freight Forwarder 2 respectively
2. All the 75 cartons will be clubbed and move as one shipment
3. W/M means weight (M.T.) or measurement (Cbm), whichever generates higher revenue
4. GST @ 18% applicable on all INR charges only
5. Exchange rate to be taken: I USD = INR 69.55 & 1 Euro = INR 80.20

Question 1:

(a) Calculate the total charges for each of the above quotes

(b) Which is the better option and why considering the factors of transit time, transshipment at Rotterdam and any other important criterion that comes to your mind?

Question 2   [3 x 2=6 Marks]

Answer any two of the below scenarios and justify your answers with proper reasoning.

(a) An exporter has a shipment of 4 marble blocks weighing 5 M.T. per block. Which type of container would you use for exporting this commodity? Justify your answer for the container type selected.

(b) Aman Exports has 410 cartons containing fruits to be shipped to Antwerp (Belgium). Each carton weighs 50 Kgs (Including carton weight). Which type of container would you use? Justify with proper reasoning.

(c) Nestle has to export coffee to Oslo (Norway) and will pack the same in 425 chests, each chest Weighs 50 Kgs. Which type of container you recommend Nestle to use and why? Give adequate justification.

Question 3   [3 x 2=6 Marks]

Write short notes on any two of the following

(a) Differentiate between Logistics & Supply Chain Management.

(b) Functions of ICD's and CFS's, clearly bringing out the similar and the dissimilar functions.

(c) Difference between Unimodal, Intermodal & Multimodal Transport modes with examples.