**IMC CHAMBER OF COMMERCE AND INDUSTRY**

**ADVANCED CERTIFICATE IN LOGISTICS AND SUPPLY CHAIN EXAMINATION**

**June 2024**

**SUBJECT- WAREHOUSING**

**Date: 2.6.2024 Marks: 100 Time: 10:30 a.m. - 1:30 p.m.**

**NOTES:**

* **Correct question number should be indicated against each answer.**

**Q.1. OBJECTIVES OF THE WAREHOUSING 10 Marks**

A) Warehousing offers manufacturers a way to reduce dwell time of parts and materials. (False/ True)

 B) Grade A warehouses, equipped with advanced technologies like automation, data analytics and real time monitoring, extensive robotisation , Touch less warehousing, digitization etc. (False/ True)

 C) Grade A warehousing leads to quicker order processing, reduced errors and shorter cycles time, quality checks, data checks, automated storage calculator – (False / True)

 D) With GST & e- commerce came large automated warehouses, some of which can stock a million or more products (False / True)

 E) Warehouse operations involve two major activities –Handling and Storage – (False / True )

**Q-2 –CALCULATE VOLUME FOR CHARGEABLE WEIGHT IN AIR FREIGHT:-EXAMPLE ---15 MARKS**

 **There are 4 parcels / 135 kg actual gross weight includes:**

1. Parcels 15 kg -102 x 85 x 72 cm
2. Drums 32kg- Height 110cm, diameter 45 cm (each)
3. Pallet 56kg-120 x 80 x 80 cm

**Note-given data:- The Normal Calculation for volume weight in air freight is: 6 cubic meters per metric ton, i.e 1 cubic meter = 1,66,667 kg chargeable weight.**

 **Calculate Total Volume, chargeable weight by volume,**

**Q-3- Calculate the ------------------------------ 15 Marks**

1. CIF value of the goods in Indian rupees
2. CIF Assessable value of the goods in Indian rupees
3. Total Customs duty payable in Indian Rupees based on the following details: Foreign

Supplier submitting Commercial invoice as under for import of goods at Nhavasheva seaport from dubai factory

1. Ex works value of the goods in Dubai factory duly packed ----- $500.00
2. In –Land Transport journey ( Local Transportation in Dubai )

 From Ex-works Factory to Dubai Seaport ---------------------------- $50.00

1. Marine Insurance premium paid in dubai covering all risks------ $05.00
2. Customs house Clearance ( Customs Brokers )

 brokerage Charges in Dubai -------------------------------------------- $10.00

1. Ocean Sea Freight from Dubai Seaport to Nhavasheva seaport --$75.00
2. Importer’s agent commission fees paid at Dubai -------------------$10.00
3. JNPT Nhava Sheva Seaport Landing Charges 1% of the CIF value of the goods in Indian rupees
4. Basic Customs Duty while importing in to India ----------------------5%
5. IGST –Integrated goods and Service Tax -------------------------------10%
6. SWF- Social welfare charges -----------------------------------------------3%

 (2% on Higher Education and 1% on secondary education )

 K. Customs Exchange Rate –CBIC -- Rs 80.00 per dollar

**Q-4** What are the Challenges in Warehousing?  **10 marks**

 **Q-5** Describe various Metrics for Measuring Warehouse productivity **10marks**

**Q-6** Describe The major responsibilities of the warehouse Manager **10marks**

**Q-7** Describing various important Functions of warehousing? **10marks**

**Q.8. Define Following Terms: - Any Five 10 Marks**

 A) Public warehouse

 B) Private Warehouse

 C) Customs Bonded Warehouse

 E) Retail Warehousing

 F) Distribution & Fulfillment Warehouse

 G) Cold Warehouses

 H) Hazmat Warehousing

**Q.9. Give Reasons (Any 2) 10 Marks**

A) Electronic Warehouse receipts (e NWR) can brighten farmers “ Futures”

 B) Land acquisition a challenge for warehousing investors–it is a stumbling Block forExpansion

C) Advantages of Steel Containers used in warehouse

 D) Disadvantages of Steel Containers used in warehouse

 **OR**

Describe various Materials Handling Equipment used in Modern warehousing

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