



Even Semester End Term Examination, May / June 2026

Date: 15/05/2026

Time: 09.30 AM - 12.30 PM

Course Code: BAV3006

Course Name: Air Cargo and Logistics

Semester: Fourth Semester

Max. Marks: 100

Weightage: 50%

CO - Levels	CO1	CO2	CO3	CO4	CO5
Marks	36	36	36	36	36

Part A: Answer Following Questions. 20 M

Qn.No	Questions	M	CO	BT
1	Define BOI.	2	CO1	BT1
2	State the full form of LAPB.	2	CO1	BT1
3	List the five human factors.	2	CO2	BT1
4	State the full form of TTWG.	2	CO2	BT1
5	Recognize the reasons for temperature variation.	2	CO3	BT1
6	Identify the full form of HFACS.	2	CO3	BT1
7	List the types of cargo aircraft.	2	CO4	BT1
8	State the expansion of abbreviation - "GDP".	2	CO4	BT1
9	Identify the full form of NSCAT.	2	CO5	BT1
10	Describe the process of HUM carriage.	2	CO5	BT1

Part B: Answer Any 1 Following Questions. 16 M

Qn.No	Questions	M	CO	BT
11.a	Explain the role of imports in air and sea freight.	6	CO1	BT2
11.b	Apply the concept of air transport to analyze its advantages and disadvantages in real situations.	10	CO1	BT3
12.a	Summarize the benefits of express freight.	6	CO1	BT2
12.b	Demonstrate the classification of cargo types in logistics operations.	10	CO1	BT3

Part C: Answer Any 1 Following Questions. 16 M

Qn.No	Questions	M	CO	BT
13.a	Describe the importance of supply chain management.	6	CO2	BT2
13.b	Apply the stages of supply chain management to solve logistics problems.	10	CO2	BT3
14.a	Differentiate between the advantages and risks of cold chain transport.	6	CO2	BT2
14.b	Illustrate how supply chain objectives are implemented in real-world systems.	10	CO2	BT3

Part D: Answer Any 1 Following Questions. 16 M

Qn.No	Questions	M	CO	BT
15.a	Explain the strategies used to prevent pilferage in warehouses.	6	CO3	BT2
15.b	Apply preventive measures to control terrorist involvement in air cargo systems.	10	CO3	BT3
16.a	Interpret the reasons for temperature variation.	6	CO3	BT2
16.b	Demonstrate the handling of different types of dangerous goods in practice.	10	CO3	BT3

Part E: Answer Any 1 Following Questions. 16 M

Qn.No	Questions	M	CO	BT
17.a	Describe the principles underlying human factors.	6	CO4	BT2
17.b	Apply individual and team countermeasures to improve operational safety.	10	CO4	BT3
18.a	Differentiate between common types of human errors.	6	CO4	BT2
18.b	Illustrate the application of airmail chain steps in cargo movement.	10	CO4	BT3

Part F: Answer Any 1 Following Questions. 16 M

Qn.No	Questions	M	CO	BT
19.a	Explain the concept of artificial intelligence in logistics.	6	CO5	BT2
19.b	Demonstrate the implementation of material handling systems in warehouses.	10	CO5	BT3
20.a	Summarize how RFID enhances warehouse operations.	6	CO5	BT2
20.b	Apply AI-based solutions to optimize warehouse operations.	10	CO5	BT3