Roll No											

PRESIDENCY UNIVERSITY

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Bengaluru

Even Semester End Term Examination, May / June 2026		
Date: 21/05/2026		**Time: 09.30 AM - 12.30 PM**
Course Code: BAV3025	**Course Name: Airport Management**	
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 the concept of strategy in the context of airport management.	2	CO1	BT1
2	List the four elements that constitute a SWOT analysis.	2	CO1	BT1
3	Describe financial planning within airport management.	2	CO2	BT1
4	State the major sources of airport revenue.	2	CO2	BT1
5	Define the concept of perishable inventory in airline operations.	2	CO3	BT1
6	Describe demand-based pricing in the airline industry.	2	CO3	BT1
7	Define the term slot in airport operations.	2	CO4	BT1
8	Describe fleet planning in airline operations.	2	CO4	BT1
9	List the major cost drivers in airline operations.	2	CO5	BT1
10	Define aircraft routing in airline scheduling.	2	CO5	BT1

Part B: Answer Any 1 Following Questions. 16 M

Qn.No	Questions	M	CO	BT
11.a	Explain why strategic planning is essential for effective airport management.	6	CO1	BT2
11.b	Analyze the differences between a strategic plan and an airport master plan.	10	CO1	BT3
12.a	Describe the sequential process followed in Airport Master Planning.	6	CO1	BT2

12.b	Evaluate the role of demand forecasting in airport planning and discuss potential consequences of forecasting errors.	10	CO1	BT3

Part C: Answer Any 1 Following Questions. 16 M				
Qn.No	**Questions**	**M**	**CO**	**BT**
13.a	Explain the importance of financial planning for airport development.	6	CO2	BT2
13.b	Analyze the relationship between financial planning and airport master planning.	10	CO2	BT3
14.a	Classify the process of capital budgeting used in airport projects.	6	CO2	BT2
14.b	Interpret the importance of non-aeronautical revenue streams in modern airport economics.	10	CO2	BT3

Part D: Answer Any 1 Following Questions. 16 M				
Qn.No	**Questions**	**M**	**CO**	**BT**
15.a	Explain the key factors that influence airline pricing strategies.	6	CO3	BT2
15.b	Evaluate the strategy of overbooking used by airlines.	10	CO3	BT3
16.a	Compare the concepts of uniform pricing and differential pricing in airline ticketing.	6	CO3	BT2
16.b	Analyze the impact of perishability and fixed capacity on airline pricing decisions.	10	CO3	BT3

Part E: Answer Any 1 Following Questions. 16 M				
Qn.No	**Questions**	**M**	**CO**	**BT**
17.a	Explain the primary objectives of fleet assignment in airline planning.	6	CO4	BT2
17.b	Analyze the integrated airline planning process and its components.	10	CO4	BT3
18.a	Compare the Hub-and-Spoke network with the Point-to-Point route system.	6	CO4	BT2
18.b	Examine the three pillars of disruption recovery management.	10	CO4	BT3

Part F: Answer Any 1 Following Questions. 16 M				
Qn.No	**Questions**	**M**	**CO**	**BT**
19.a	Explain why airlines rely on optimization-based decision support systems.	6	CO5	BT2
19.b	Analyze the robust Fleet Assignment Model and its techniques.	10	CO5	BT3

20.a	Describe the concept of maintenance stations in aircraft routing.	6	CO5	BT2
20.b	Illustrate the complexity of crew scheduling and its impact on airline profitability.	10	CO5	BT3