



Name:	
Enrolment No:	

UPES
End Semester Examination, May 2024

Course: Airport Capacity Management Program: BBA AVM Course Code: TRAV 2008P	Semester: IV Time : 03 hrs. Max. Marks: 100
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Instructions:

SECTION A
10Qx2M=20Marks

S. No.		Marks	CO
Q 1	Identify the important elements inside airport terminals.	2	CO1
Q 2	Define “Frequency” in terms of airline/airport operations.	2	CO1
Q 3	Which state has the maximum number of International Airports in India?	2	CO1
Q 4	Define “Single Till”.	2	CO1
Q 5	What is VTT?	2	CO1
Q 6	Define “Fillet”.	2	CO1
Q 7	Differentiate between “CWY” and “SWY”.	2	CO1
Q 8	What is AERA?	2	CO1
Q 9	Define “MARS”.	2	CO1
Q 10	What is an “Airport System”?	2	CO1

SECTION B
4Qx5M= 20 Marks

Q 11	Differentiate between RNFC and TNLC.	5	CO2
Q 12	Examine the factors affecting tariff determination at airports.	5	CO2
Q 13	Identify the factors that determine the total land area occupied by an airport.	5	CO2
Q 14	Illustrate the Obstacle Limitation Surfaces defined by the ICAO.	5	CO2

SECTION-C
3Qx10M=30 Marks

Q 15	Analyze to what extent have changes in the airline industry (fare levels, new technology, nature of competition) impacted the development of the airport and its facilities.	10	CO3
Q 16	Analyze the impact of underutilized capacity on the financial performance of the investments at airports.	10	CO3

Q 17	<p>Choose a major airport with an environmental performance plan. Critically assess it against the issues and suggest mitigations.</p> <p style="text-align: center;">OR</p> <p>Analyze what could airport operators do to give themselves flexibility so that they can adjust their future developments to deal effectively and efficiently with different scenarios.</p>	10	CO3
<p>SECTION-D 2Qx15M= 30 Marks</p>			
Q 18	<p>Analyze some of the tradeoffs that an airport of choice must deal with, both between environmental impact areas (e.g., minimization of noise vs. minimization of air quality or climate impacts) and between environment and other performance metrics, such as throughput. Do these tradeoffs differ at different airports?</p>	15	CO4
Q 19	<p>Consider the situation in which two or more specialized companies have been authorized to provide ground handling services at a major airport.</p> <p>Describe some of the logistical issues that may arise out of the simultaneous presence of several handlers. Think, for example, of the allocation of aircraft stands, the location of ground handling equipment, the redundancy of equipment, etc.</p> <p>Could the handlers benefit from cooperation and coordination under some circumstances?</p>	15	CO4