


Name:			
Enrolment No:			
<p style="text-align: center;"><b>UPES</b>  <b>End Semester Examination, May 2025</b></p> <p> <b>Course: MBA Aviation Management</b>  <b>Program: Aviation Regulatory Management</b>  <b>Course Code: TRAV8007</b> </p> <p style="text-align: right;"> <b>Semester: IV</b>  <b>Time : 03 hrs.</b>  <b>Max. Marks: 100</b> </p> <p><b>Instructions: All Questions are Compulsory.</b></p>			
<b>SECTION A</b> <b>10Q x 2M = 20Marks</b>			
S. No.		Marks	CO
Q1	ICAO Doc 8973 deals with a. Aviation Security manual b. Aviation Safety Manual c. Airport Emergency Management Manual d. None of the above	2	CO1
Q2	Guidelines for preparing Aerodrome Manual is prescribed under a. Rule 81 b. Rule 90 c. Rule 83 d. None of the above	2	CO1
Q3	European Union Aviation Safety Agency (EASA) was established in a. 2001 b. 1989 c. 2002 d. 2003	2	CO1
Q4	How many sections does DGCA Civil Aviation Requirement have a. 5 b. 8 c. 9 d. 11	2	CO1
Q5	ATS Airspace is classified into how many classes a. A to H b. A to F c. A to G d. A to K	2	CO1

Q6	Carbon Offsetting and Reduction scheme for International Aviation is covered under a. CAR Sec 10 Series C Part 1 b. CAR Sec 5 Series C Part 1 c. CAR Sec 8 Series A Part 1 d. None of the Above	2	CO1				
Q7	How many FIRs does India hold a. 1 b. 3 c. 4 d. 6	2	CO1				
Q8	Full form of ATFM?	2	CO1				
Q9	ICAO Annex 17 deals with?	2	CO1				
Q10	Form 93(A) is used for?	2	CO1				
SECTION B 4Q x 5M = 20 Marks							
Q11	Explain the role of “Competition Commission of India”	5	CO2				
Q12	State 05 primary responsibilities of FAA.	5	CO2				
Q13	What do you understand by “Type Certification” by DGCA.	5	CO2				
Q14	Illustrate the relevance of “Cybersecurity in Aviation”	5	CO2				
SECTION-C 3Q x 10M = 30 Marks							
Q15	Explain the difference between Aerodrome Certification & Aerodrome Licensing.	10	CO3				
Q16	<p>Chennai Airport is applying for New Aerodrome License for which Fee must be paid to MOCA. Calculate the Fee for the aerodrome.</p> <p>Chennai Airport has 2 parallel runways 1<sup>st</sup> RWY Orientation 09L and 27R: Length- 4782m 2<sup>nd</sup> RWY Orientation 09R and 27L: Length – 5240m</p> <p>Note: Use the table below to calculate</p> <table border="1"><tr><td>(a) When the licence is granted for private use</td><td>Rs.1, 00,000/-</td></tr><tr><td>(b) When the licence is granted for public use</td><td>Rs.5, 00,000/- upto runway length of 5,000 feet plus Rs 2, 00,000/- for every 1,000 feet or part thereof.</td></tr></table>	(a) When the licence is granted for private use	Rs.1, 00,000/-	(b) When the licence is granted for public use	Rs.5, 00,000/- upto runway length of 5,000 feet plus Rs 2, 00,000/- for every 1,000 feet or part thereof.	10	CO3
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Q17	State the 05 objectives of Air Traffic Management.	10	CO3				

	<p style="text-align: center;"><b>OR</b></p> <p>Illustrate the significance of (5x2=10)</p> <p>a. Crew Stress Management b. Crew Resource Management</p>		
<p style="text-align: center;"><b>SECTION-D</b> <b>2Q x 15M = 30 Marks</b></p>			
Q18	In detail state the 06 pillars which are responsible for establishing secure supply chain programme?	<b>15</b>	<b>CO4</b>
Q19	<p style="text-align: right;">( 3 X 5 =15)</p> <p>Describe the function of</p> <p>a. ATS b. ATFM c. ASM d. Controller–Pilot Data Link Communications e. ADS-B</p> <p style="text-align: center;"><b>OR</b></p> <p style="text-align: right;">(7.5 x 2 =15)</p> <p>a. Illustrate in detail the Roles &amp; Responsibility of DGCA under ATM</p> <p>b. Under the elements of Cybersecurity Policy what is the significance of:</p> <p>1. Data Security. 2. Cybersecurity Culture.</p>	<b>15</b>	<b>CO4</b>