


Name:		 UPES UNIVERSITY OF TOMORROW	
Enrolment No:			
<div>UPES</div> <div>End Semester Examination, May 2025</div> <div><div>Course: MBA Aviation Management</div><div>Program: Aviation Safety & Security Management</div><div>Course Code: TRAV8020</div></div> <div><div>Semester: IV</div><div>Time : 03 hrs.</div><div>Max. Marks: 100</div></div>			
Instructions: All Questions are Compulsory.			
SECTION A 10Q x 2M = 20Marks			
S. No.		Marks	CO
Q1	Full form of HIRA.	2	CO1
Q2	In a SHELL model what does “E” stands for?	2	CO1
Q 3	Identify right statement for the structure of ICAO a. Assembly is elected by Council b. Council is elected by secretariat c. Council is elected by Asembly d. Secretary is elected by Assembly	2	CO1
Q 4	EDS Stands for a. Electromagnetic Detection System b. Explosives Detection System c. Electronic Detection Screening d. Nove of the above	2	CO1
Q 5	Procedure for breath-analyzer examination is prescribed under a. CAR Sec 5 Series F, Part IV b. CAR Sec 2 Series B, Part I c. CAR Sec 11 Series E, Part I d. None of the above	2	CO1
Q 6	The Aircraft (Carriage of Dangerous Goods) is given under a. Rule 2001 b. Rule 2002 c. Rule 2003 d. Rule 2006	2	CO1
Q 7	ICAO DOC 9137part 1 deal with a. SMS b. Aerodrome Maintenance c. Rescue & Fire Fighting	2	CO1

	d. WHM		
Q 8	Issuance of the Civil Aviation Requirements is stated under a. CAR SECTION 1 - Series A, Part 1 b. CAR SECTION 2 - Series A, Part 1 c. CAR SECTION 3 - Series A, Part 1 d. None of the above	2	CO1
Q 9	Under HIRA Matrix what does 5A determine a. Frequent / Catastrophic b. Frequent /Major c. Remote/ Major d. Occasional/ Hazardous	2	CO1
Q 10	ICAO Annex 19 deals with?	2	CO1
SECTION B 4Q x 5M = 20 Marks			
Q11	Explain Safety Assurance?	5	CO2
Q12	State the difference between Basic & Specialized Tanning AVSEC.	5	CO2
Q13	Explain the 3 objectives of ISAGO which has facilitated in seamless operations.	5	CO2
Q14	Explain all the 3 levels involved for Checked Baggage screening adopted by TSA.	5	CO2
SECTION-C 3Q x 10M = 30 Marks			
Q15	State in detail 5 importance of IOSA in Aviation.	10	CO3
Q16	Apply the Swiss Cheese Model on “Bird Strike Incident”	10	CO3
Q17	Apply and explain SHELL Model on “Baggage Handling System Failure” OR Explain the five key components of the TSA Trade Space Framework	10	CO3
SECTION-D 2Q x 15M = 30 Marks			
Q18	Explain in detail the six phases of Task Resource Analysis for ARFF	15	CO4
Q19	Create a detailed HIRA matrix for : “Baggage Reclaim Carousel Replacement” in arrival area of terminal. OR	15	CO4

	<div>(7.5 x 2 = 15)</div> <div>A. Explain any six Human Factors under “Dirty Dozen”</div> <div>B. Explain any five Operator's Responsibilities in handling Dangerous Goods.</div>		
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