
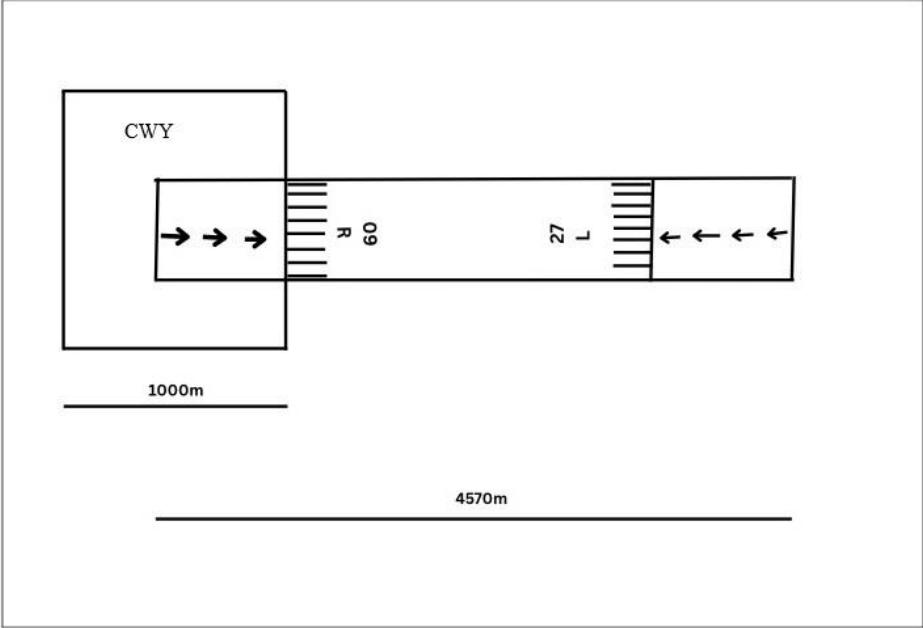


Name:			
Enrolment No:			
<p style="text-align: center;">UPES End Semester Examination, May 2025</p> <p> Course: MBA Aviation Management Program: Airport Operation Management Course Code: TRAV7010 </p> <p style="text-align: right;"> Semester: II Time : 03 hrs. Max. Marks: 100 </p> <p>Instructions: All Questions are Compulsory.</p>			
SECTION A 10Q x 2M = 20Marks			
S. No.		Marks	CO
Q1	TODA is the combination of a. TORA + RESA b. CWY + ASDA c. TORA + SWY d. None of the above	2	CO1
Q2	Usability Factor of an Aerodrome shall be at least: a. 90% b. 95% c. 100% d. 85%	2	CO1
Q 3	Full form for ACAP?	2	CO1
Q 4	Runway Surface Conditions through Runway Condition Code is given under Circular: a. AD AC 1 of 2021 b. AD AC2 of 2022 c. AD AC 2 of 2021 d. None of the Above	2	CO1
Q 5	CTOT Denotes: a. Calculated target of take of b. Calculated take of time c. Calculated time of taxing d. None of the above	2	CO1
Q 6	ICAO DOC 9137 part 3 discusses over. a. AERP b. Aerodrome Maintenance c. WHM d. ARFF	2	CO1

Q 7	For the Formula for calculation of Bird Strike what does Nb stand for?	2	CO1
Q 8	Guwahati Aerodrome's ICAO code starts with? a. VA b. VO c. VI d. VE	2	CO1
Q 9	Minimum Runway Inspection Frequency done at: a. Dawn, Morning, Afternoon & Dusk b. Dawn, Early Morning, Post 1pm, Before sunset c. Before Sunrise & After Sunset d. Dawn, Afternoon & Dusk	2	CO1
Q 10	AD AC NO. 1 of 2019 validates about a. Guidance on Wildlife Hazard Management b. Aerodrome Rescue and Fire Fighting Operation c. Aviation Noise Management at Airport d. None of the above	2	CO1
SECTION B 4Q x 5M = 20 Marks			
Q11	What is an AIP & how does it impact an airline to plan its operations.	5	CO2
Q12	Explain the concept ACDM	5	CO2
Q13	Illustrate the significance of "Aircraft Characteristics for Airport Planning"?	5	CO2
Q14	What is significance of Ground Delay committee and state the key stakeholders.	5	CO2
SECTION-C 3Q x 10M = 30 Marks			
Q15	Explain in detail & significance of a. RESA b. EMAS	5 x 2 = 10	CO3
Q16	Differentiate between a. Standard Buzy Rate & Busy Hour Rate b. BTCP & Anti High Jacking	5 x 2 = 10	CO3
Q17	As per Aerodrome Manual explain the "Operational Procedures" stated for an aerodrome to conduct seamless operations. OR Discuss five core functions of each ADP/AVP & AGM Department at an Aerodrome.	10	CO3

SECTION-D
2Q x 15M = 30 Marks

Q18	<p>Calculate the TORA, TODA, ASDA & LDA for RWY 09R & 27L Note: RWY 09R displaced by 250m & RWY 27L 350m.</p> 	15	CO4
Q19	<p>Illustrate in detail</p> <ol style="list-style-type: none"> The process for conducting Friction Test along the μ values. Procedures/ Methods for removing rubber deposits from runway <p style="text-align: center;">OR</p> <p>Explain the 03 functions for each of the below-mentioned areas at Terminal.</p> <ol style="list-style-type: none"> Direct passenger Services. Airline-related passenger services. Governmental activities. Non-Passenger related airport authority functions. Airline functions 	15	CO4