

Name:
Enrolment No:



UNIVERSITY OF PETROLEUM & ENERGY STUDIES
End Semester Examination, December 2021

Program: MBA AVM
Subject/Course: Airport Planning and Management
Course Code: TRAV 7002

Semester: I
Max. Marks: 100
Duration: 3 Hours

IMPORTANT INSTRUCTIONS

1. The student must write his/her name and enrolment no. in the space designated above.
2. The questions have to be answered in this MS Word document.
3. After attempting the questions in this document, the student has to upload this MS Word document on Blackboard.

Q.No1	Answer all the questions	Marks	COs
I)	Explain the meaning of “Runway Incursion”.	2	CO1
II)	What is the mobile lounge concept?	2	CO1
III)	Define TORA.	2	CO1
IV)	Differentiate between LDA and ASDA.	2	CO1
V)	What is the theoretical definition of capacity?	2	CO1
VI)	What is PHOCAP? What is PANCAP?	2	CO1
VII)	Into what two categories is, airport ground access typically divided?	2	CO1
VIII)	What is an aircraft fleet mix?	2	CO1
IX)	What are the differences between operating and non-operating revenues?	2	CO1
X)	What are the different types of budget strategies found at airports?	2	CO1
Q.No2	Section B Answer any 4 questions. Each question carry equal marks.		
I)	Airport efficiency is, impacted by ownership form and regulations. Discuss by citing relevant examples.	5	CO2
II	Examine the effect of block chain technology on airport operations.	5	CO2
III)	What is the difference between causal models and time-series quantitative forecasting models?	5	CO2
IV)	Demonstrate using a flowchart how airports make money.	5	CO2
Q.No3	Section C - Attempt all the questions		

I)	Analyze the significance of collaborative decision making in airport operations control center.	10	CO3
II)	An Aerotropolis is a metropolitan sub region whose infrastructure, land use, and economy are, centered on an airport. Analyze the “Aerotropolis” concept with suitable examples.	10	CO3
III)	Attempt only one question (either ‘A’ or ‘B’). A) Analyze how Low Cost Carriers (LCC) affects airport operations. OR B) Analyze how runway configurations affect capacity and delay.	10	CO3
Q.No.4	Section D - Attempt all the questions		
I)	Analyze how internet of things have affected customer perception and spending at retail outlets (confectionery) at prominent hub airports.	15	CO4
II)	Attempt only one question (either ‘A’ or ‘B’) A) What are two of the accepted simulation models that exist to estimate airport capacity? Analyze with examples. OR B) Analyze the primary objective of airport terminal area planning.	15	CO4

ANSWERS