

Name:
Enrollment No:



UNIVERSITY OF PETROLEUM & ENERGY STUDIES
End Semester Examination (Online) – July, 2020

Program: BBA AVO
Subject/Course: Airport Capacity Management
Course Code: TRAV 2008

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

IMPORTANT INSTRUCTIONS

1. The student must write his/her name and enrollment 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.

		Marks	COs
Q.1	Please mention with appropriate concepts how to calculate the optimize Landside capacity, gate assignment capacity and airside capacity at any given airport on basis on demand?	20	CO2
Q.2	Airport resource utilization is one of the biggest challenges in the business, mention two approaches of analyzing the terminal capacity and what are the parameter that is effectively monitored to achieve effective resource utilization ?	20	CO3
Q.3	If Airport operations cover both Ground Ops and Flight Ops, it makes sense for each operation to be its own system in order to manage their safety SOPs. This way you can manage safety factors and resources that are relevant to each system: a. what are the identified different systems in airports? b. what is the purpose, function, and context of each system? c. Mention a identified procedure for updating your operational risk profile as your SMS changes ?	20	CO2
Q.4	Mention all the parameter that examine all the critical surface of the runway in the busy airports? Mention some relevant technological improvement in our busiest airport of India?	20	CO1,CO3

Q.5	Identify all the critical issue in slot allocation is the determination of declared airport capacity which practically controls the number of slots available for allocation per unit of time	20	CO4,CO2
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ANSWERS