


Name:					
Enrolment No:					
<b>UNIVERSITY OF PETROLEUM AND ENERGY STUDIES</b> <b>End Semester Examination, December 2018</b>					
Course: Airport Capacity Management			CC: TRAV 2008		
Semester: V					
Programme: BBA AO					
Time: 03 hrs.			Max. Marks: 100		
Instructions:					
<b>SECTION A</b>					
S. No.				Marks	CO
Q 1	<b>Answer the following questions (a to d abbreviations)</b>			<b>10 X 2= 20</b>	
A	RESA			2	1
B	ATM			2	1
C	ASQ			2	1
D	TODA			2	1
E	Which two parameters effects annual capacity at airports.			2	2
F	Define Dwell Time.			2	1
G	What is the difference between Movement and Maneuvering area?			2	3
H	Explain the term Gross Usable Area.			2	2
I	Define Concessionaire.			2	1
J	What is the Peak Hour Dynamic Capacity?			2	3
<b>SECTION B</b>					
<b>Answer any 4 questions</b>					
Q 2	<b>Write Short Answers</b>			<b>4 X 5 = 20</b>	
A	Describe the stakeholder's goals and objectives at airports.			5	2
B	What is the difference between technical and acceptable capacity at airports.			5	3
C	Explain any three types of airport terminal design.			5	4
D	What are the various types of Capital Expenditure at airports?			5	3
E	Explain the factors that contribute to seasonal capacity at airports.			5	2
<b>SECTION-C</b>					
<b>Answer any 3 questions</b>					

Q 3	<b>Long Answers.</b>	<b>3 X 10 = 30</b>		
A	Describe the various principal elements that typically constitute Terminal programs.	<b>10</b>	<b>2</b>	
B	Analyze the concept of flexible airport terminal design with examples.	<b>10</b>	<b>3</b>	
C	Evaluate the various measures taken by Heathrow and Mumbai airport to enhance passenger experience and optimize airport capacity.	<b>10</b>	<b>3</b>	
D	Analyze how airport capacity affects airfares.	<b>10</b>	<b>4</b>	
<b>SECTION-D</b>				
Q 4	<b>Answer both the questions</b>	<b>2 X 15 = 30</b>		
A	Evaluate the rationale behind IATA's LoS principles pertaining to airport capacity.	<b>15</b>	<b>4</b>	
B	Discuss the method to arrive from peak hour capacity to annual capacity and vice versa.	<b>15</b>	<b>3</b>	