



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

Course: Fundamental of Airline operations
Program: MBA AVM
Course Code: TRAV 7001

Semester : I
Duration : 03 hrs.
Max. Marks: 100

Instructions:

Q. No	Section A (Type the answers in test box)	10Qx2M=20Marks	COs
Q1	The following departments do not perform technical activities. a. Engineering b. Ground Handling c. Operation d. In flight services	2 Marks	CO2
Q2	What can you do at an airport terminal counter a. Show you ticket b. Check-in c. Buy Travel insurance d. All of the above	2 Marks	CO1
Q3	Which airlines is set to be the first to use sustainable aviation fuel (SAF)? a) British Airways b) Air India c) Qantas d) Air Emirates	2 Marks	CO1
Q4	SITA, the passenger service system provider of which Indian airlines, faced a massive cyberattack recently? a) IndiGo b) GoFirst c) Spice Jet d) Air India	2 Marks	CO1
Q5	In which year Indian Airlines was Nationalized? a) 1952 b) 1953 c) 1965 d) 1960	2 Marks	CO1
Q6	Which is the world's first airlines to use Taxibot? a) Air India b) Indigo c) Etihad d) British Airways	2 Marks	CO1
Q7	In which year, the Indian Airlines Corporation (IAC) was established ? a) 1869 b) 1945 c) 1907	2 Marks	CO1

	d) 1953		
Q8	<p>In context of the recent discussions about India's No-Fly List, consider the following statements:</p> <ol style="list-style-type: none"> 1. The ban on a person via the No-Fly List is applicable to flights of international operators also. 2. Smoking inside the aircraft is grounds for the airlines to ban passengers. <p>Which of the above statements is/are true?</p> <ol style="list-style-type: none"> a) Only 1 is correct b) Only 2 is correct c) Neither 1 nor 2 is correct d) Both 1 and 2 are correct 	2 Marks	CO1
Q9	<p>Consider the following statements about the UDAN Scheme:</p> <ol style="list-style-type: none"> 1. It aims to bring the TIER-2 and TIER-3 airports into the country's aviation network 2. The scheme is based on market-based mechanism in which airlines bid for seat subsidies <p>Which of the above statements is/are correct?</p> <ol style="list-style-type: none"> a) 1 Only b) 2 Only c) Both 1 & 2 d) Neither 1 nor 2 	2 Marks	CO1
Q10	<p>Annexure 17 deals with:</p> <ol style="list-style-type: none"> a. Aviation Safety b. Aviation Security c. Aviation Manual d. Aircraft Manual 	2 Marks	CO1
	<p>Section B Answers all the questions</p> <p>(Scan and upload)</p>	4Qx5M= 20 Marks	
Q1	What is the difference between Legacy Airline and Low cost Airline?	5 Marks	CO2
Q2	List down the importance if de-regularization & liberalization to the airline industry?	5 Marks	CO2
Q3	What are the regulation laid out by Information & regulation directorate?	5 Marks	CO2
Q4	<p>Explain light touch approach by AERA with suitable examples?</p> <p>OR</p> <p>Explain the responsibility of ICAO & IATA toward the Aviation Industry?</p>	5 Marks	CO2
	<p>Section C</p> <p>(Scan and upload)</p>	3Qx10M=30 Marks	
Q1	What is the role of the government in stimulating the growth of air services – beyond establishing open markets (freedom of air) and a sound framework for private enterprise?	10 Marks	CO4
Q2	Why is Flight Operation activity such a challenge of the Operator, what those activity are and how an airline can streamline all the Process in order to enhance safety and security oversight.	10 Marks	CO3

Q3	Explain the roles and responsibility of Airport operation control center in achieving the operational excellency, illustrate with AOCC initiative towards operational excellence and examples		CO3
	Section D (Scan and upload)	2Qx15M= 30 Marks	
Q1	Answers all the question	15 Marks	CO4
	<p>Melbourne Airport: economic and aviation hub</p> <p>Each international aircraft landing at Melbourne Airport in Australia contributes nearly A\$240,000 visitor spending a year to the State of Victoria. While it has been recognised for years that airports can play a vital role in the local and regional economies of a nation, recent research is now able to quantify in detail exactly how much airports contribute through connecting communities, generating jobs and providing a focus of inward investment.</p> <p>As part of the process of writing a long-term development plan, Melbourne Airport commissioned SGS Economics and Planning to undertake a Social and Economic Impact Assessment of the airport on the local community.</p> <p>The study showed the number of jobs supported by Melbourne Airport has grown by 3.3 per cent a year between 2007 and 2011 to over 14,300 jobs which are directly related to the airport's operation. An estimated 43,000 indirect jobs also rely on the airport's operations. The airport's employment figure is projected to grow to 23,000 by 2033. Key employment sectors include transport, postal and warehousing, retail, accommodation and food services, manufacturing and wholesale trade. The airport is responsible for 6% of the local region's economy.</p> <p>Around 7.9 million visitors arrive in Melbourne each year through the airport. They spend nearly \$8.3 billion annually in the State of Victoria's economy – accounting for almost 50% of the total current tourism expenditure in Victoria.</p> <p>The airport has been able to achieve an especially high level of investment in part because it is open for business 24 hours a day. This allows for the movement of an extra two million passengers a year and adds A\$590 million to the Victorian economy through visitor spending. By 2033, the value of the curfew-free status will increase to an additional five million passengers a year with visitor spending totalling A\$1.3 billion.</p> <p>By 2033 the airport's contribution to GSP is forecast to increase to \$3.2 billion and will support up to 72,000 jobs indirectly.</p> <p>As well as being able to understand the macro economic impact of the airport researchers can now provide more detailed views on the economic effect of single projects. In July 2013 the government approved the construction of an 80,000 square metre warehouse in Melbourne Airport Business Park. This single enterprise will generate approximately 700 operational and administration jobs. In addition,</p>	15 Marks	CO4

	150 jobs will be created during the construction of the warehouse.		
A	What do you understand by Hub Airports, and what are its local Economic Outcomes?	10 Marks	CO3
B	Identify critical success factors for air transport infrastructure issues, and how did it helps Melbourne airport to create Employability	10 Marks	CO4
C	How do governments exercise their responsibilities in a commercialized environment where airports and air navigation services changed their ownership and control structures as well as management approaches?	10 Marks	CO2