

**GUJARAT TECHNOLOGICAL UNIVERSITY****BE - SEMESTER– VI (New) EXAMINATION – WINTER 2019****Subject Code: 2160108****Date: 13/12/2019****Subject Name: Aviation Management****Time: 02:30 PM TO 05:00 PM****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

		MARKS
<b>Q.1</b>	(a) What are the full form of IATA and NAL?	<b>03</b>
	(b) Explain the role of military aircrafts in modern war.	<b>04</b>
	(c) Explain civilian and military airports? Give some name of some international airport in India.	<b>07</b>
<b>Q.2</b>	(a) List the three name of some aircraft manufacture.	<b>03</b>
	(b) What types of facilities are available for passengers in airplane	<b>04</b>
	(c) Explain differentiate between domestic and international airports and its function in India.	<b>07</b>
	<b>OR</b>	
	(c) What are the roles and limitations of DGCA in India?	<b>07</b>
<b>Q.3</b>	(a) Explain schedule and non-schedule flights.	<b>03</b>
	(b) Explain the concept of stealth aircrafts.	<b>04</b>
	(c) Draw and explain runway and taxiway markings and lightings	<b>07</b>
	<b>OR</b>	
<b>Q.3</b>	(a) Differentiate the roles of Pilot, Copilot and Autopilot?	<b>03</b>
	(b) What is FDI policy in aviation industry?	<b>04</b>
	(c) Discuss duties and responsibilities of Airports Authority of India (AAI) in our country.	<b>07</b>
<b>Q.4</b>	(a) Differentiate between Passenger and Cargo Terminals.	<b>03</b>
	(b) Explain Passenger Load Factor (PLF) in detail?	<b>04</b>
	(c) What are role of State and Central Governments.? And explain Safety Factor in detail.	<b>07</b>
	<b>OR</b>	
<b>Q.4</b>	(a) Write the names of three fighter jet in IAF	<b>03</b>
	(b) What is WTO? What is the role of WTO in aviation sector?	<b>04</b>
	(c) How might airports better prepare themselves for future Threats to civil aviation security?	<b>07</b>
<b>Q.5</b>	(a) Draw and explain runway and taxiway markings and lightings.	<b>03</b>
	(b) Discuss any case of air crash with reason	<b>04</b>
	(c) What is the role of Aircraft maintenance engineer?	<b>07</b>
	<b>OR</b>	
<b>Q.5</b>	(a) What is Aircraft inspection? How is it's carried out?	<b>03</b>
	(b) How number of passengers affects the airline industry	<b>04</b>
	(c) What are roles or functions of ICAO in International civil aviation structure?	<b>07</b>

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