

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VI (NEW) - EXAMINATION – SUMMER 2018****Subject Code:2160108****Date:10/05/2018****Subject Name:Aviation Management****Time:10:30 AM to 01:00 PM****Total Marks: 70****Instructions:**

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

		MARKS
Q.1	(a) What are the full form of DGCA and AAI.	03
	(b) Explain the role of military aircrafts in modern war.	04
	(c) Explain Classification of different types of airports? Give some name of some international airport in India.	07
Q.2	(a) List the three name of some aircraft manufacture.	03
	(b) What types of facilities are available for passengers in airplane	04
	(c) What are the roles and limitations of DGCA in India?	07
OR		
	(c) Explain differentiate between domestic and international airports and its function in India.	07
Q.3	(a) What are stealth aircrafts? Give two names.	03
	(b) Explain schedule and non-schedule flights.	04
	(c) Briefly explain about history of efforts for evolution of Aircrafts started from Wright Brothers.	07
OR		
Q.3	(a) Differentiate the roles of Pilot, Copilot and Autopilot?	03
	(b) What is FDI policy in aviation industry?	04
	(c) Discuss duties and responsibilities of Airports Authority of India (AAI) in our country.	07
Q.4	(a) Differentiate between Passenger and Cargo Terminals.	03
	(b) Explain Passenger Load Factor (PLF) in detail?	04
	(c) What are role of State and Central Governments.? And explain Safety Factor in detail.	07
OR		
Q.4	(a) Write full form of IATA / ICAO	03
	(b) What is WTO? What is the role of WTO in aviation sector?	04
	(c) How might airports better prepare themselves for future Threats to civil aviation security?	07
Q.5	(a) Draw and explain runway and taxiway markings and lightings.	03
	(b) Differentiate between the working of DGCA.	04
	(c) What is the role of Aircraft maintenance engineer?	07
OR		
Q.5	(a) What is Aircraft inspection? How is it's carried out?	03
	(b) Draw different types of runway patterns and explain it.	04

(e) What are roles or functions of ICAO in International civil aviation structure? 07

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