

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-IV EXAMINATION – SUMMER 2025

Subject Code:3140109

Date:15-05-2025

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.
4. Simple and non-programmable scientific calculators are allowed.

	MARKS
Q.1 (a) What are stealth aircrafts? Give two names.	03
(b) What are the Growth drivers of Aviation Industry?	04
(c) Who is called as Father of Aviation? And what are the advancements done by him?	07
Q.2 (a) Differentiate the roles of Pilot and Copilot.	03
(b) As a CEO of Gujarat Airlines, what are your strategies to attract passengers?	04
(c) What are the functions of ICAO and AAI?	07
OR	
(c) Briefly explain about history of efforts for evolution of aircrafts before Wright Brothers.	07
Q.3 (a) Explain schedule and non-schedule flights.	03
(b) Explain Passenger Load Factor (PLF) in detail?	04
(c) What are the responsibilities and functions of DGCA?	07
OR	
Q.3 (a) Write full form of DGCA, ICAO and AAI.	03
(b) List the three names of aircraft manufacturer and their models.	04
(c) Discuss steps to proceed for any Air crash investigation.	07
Q.4 (a) What is a TAF report?	03
(b) Explain types of licenses for pilot	04
(c) What are the roles or functions of EASA?	07
OR	
Q.4 (a) What is Aircraft inspection?	03
(b) Write roles of IATA.	04
(c) Explain different types of transmission messages required during flight.	07
Q.5 (a) What is the role of management in aviation?	03
(b) What is the role of Aircraft maintenance engineer?	04
(c) What is the difference between VFR and IFR flying?	07
OR	
Q.5 (a) What is ROFOR?	03
(b) What is radio telephony procedure?	04
(c) Explain general navigation procedure for aviation.	07