

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER– IV(NEW) EXAMINATION – SUMMER 2023****Subject Code:3140109****Date:13-07-2023****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)	Differentiate the roles of pilot and copilot?	03
	(b)	What are the Growth drivers of aviation sector?	04
	(c)	Briefly explain history of efforts for evaluation of aircraft started from Wright brothers.	07
Q.2	(a)	Explain schedule and non-schedule flights	03
	(b)	Explain passenger load factor in detail?	04
	(c)	Who is called as father of aviation? And what are advancement done by him.	07
		OR	
	(c)	As CEO of Gujarat airlines, what are your strategies to grown up aviation sector?	07
Q.3	(a)	What are stealth aircrafts? Give two names	03
	(b)	List the three name of aircraft manufacturer. Explain about anyone.	04
	(c)	Discuss the steps of air crash investigation	07
		OR	
Q.3	(a)	What is a TAF report?	03
	(b)	Name the different types of licenses for pilots.	04
	(c)	What are functions of DGCA in India?	07
Q.4	(a)	What is ROFOR?	03
	(b)	What are the functions of ICAO?	04
	(c)	What is Aircraft inspection? How is it's carried out?	07
		OR	
Q.4	(a)	What is radio telephony procedure?	03
	(b)	Write roles of IATA.	04
	(c)	Explain different types of transmission messages required during flight.	07
Q.5	(a)	What are the roles or functions of EASA?	03
	(b)	Explain general navigation procedure for aviation	04
	(c)	What is the difference between VFR and IFR flying?	07
		OR	
Q.5	(a)	Who gives aircraft registration?	03
	(b)	What is the role of Aircraft maintenance engineer?	04
	(c)	What is Approval procedure for New/Unused aircraft components?	07