

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-IV (NEW) EXAMINATION – WINTER 2021****Subject Code: 3140109****Date:03/01/2022****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) Write full form of IATA, ICAO and FAA.	03
	(b) What types of facilities are available for passengers in airplane?	04
	(c) What are the Issues and Challenges in Aviation industry?	07
Q.2	(a) What are the various Growth factors of any aviation industry?	03
	(b) What is different between Passenger and Cargo Terminals.	04
	(c) What are the roles and limitations of DGCA in India?	07
OR		
	(c) What is the current scenario in Global Aviation Industry?	07
Q.3	(a) Name the different types of weather reports.	03
	(b) What is the difference between VFR and IFR flying?	04
	(c) Discuss duties and responsibilities of Airports Authority of India in our country.	07
OR		
Q.3	(a) What is airport capacity?	03
	(b) What are the various departments of DGCA?	04
	(c) Explain briefly about the general navigation procedure.	07
Q.4	(a) What are stealth aircrafts? Give two names.	03
	(b) Explain Different types of transmissions messages required during flights.	04
	(c) Explain different types of Airspaces in detail.	07
OR		
Q.4	(a) Name the different types of licenses for pilots.	03
	(b) How are aircraft registration of tail number is assigned?	04
	(c) What are the roles or functions of EASA and JAA?	07
Q.5	(a) What is Aircraft inspection? How is it's carried out?	03
	(b) What is the role of Aircraft maintenance engineer?	04
	(c) What are the roles or functions of IATA and ICAO?	07
OR		
Q.5	(a) Explain schedule and non-schedule flights.	03
	(b) Discuss steps to proceed for any Air crash investigation.	04
	(c) Explain functions and design of Air Traffic Control.	07
