

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-V (NEW) EXAMINATION – WINTER 2023****Subject Code:3150108****Date:13-12-2023****Subject Name: Airport 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) Explain differentiate between domestic and international airports.	03
	(b) What is role of Air Traffic Control?	04
	(c) Explain Classification of different types of airports? Give some name of some international airport in India.	07
Q.2	(a) What are the functions of civil aviation department of Gujarat State?	03
	(b) “Aviation becomes easy mode of transportation.” Explain	04
	(c) Explain with neat sketch the various marking on the runways.	07
	OR	
	(c) Draw different types of runway patterns and explain briefly.	07
Q.3	(a) Explain types of runway layout.	03
	(b) Differentiate between Civil and Military airports.	04
	(c) How might airports better prepare themselves for future Threats to civil aviation security?	07
	OR	
Q.3	(a) What is VASI and PAPI for runway?	03
	(b) Difference between taxiway and runway.	04
	(c) Enumerate the various factors affecting for selecting a suitable site for an airport.	07
Q.4	(a) What is Hangar?	03
	(b) Mention four items that passengers cannot carry on board. Why?	04
	(c) Explain different types of lighting systems are used on airport.	07
	OR	
Q.4	(a) Define: Apron.	03
	(b) Differentiate the roles of Pilot, Copilot and Autopilot?	04
	(c) Classification of approach lights.	07
Q.5	(a) What is the role of AERA?	03
	(b) What are the facilities provided to passengers on International Airports?	04
	(c) What are roles or functions of Airports Authority of India in Indian civil aviation structure?	07
	OR	
Q.5	(a) What is the role of DGCA?	03
	(b) What do you understand by terminal area? What are the facilities are provided in the terminal building?	04
	(c) Discuss duties and responsibilities of Airports Authority of India (AAI) in our country.	07
