PRN:		Course Code :	AET4024

Final Year **B. Tech** End Semester Examination Summer 2023

Airlines and Airport Management

Day and Date: Saturday, 17/06/23 Max Marks: **100**

Time : 2.00 to 5.00 pm Duration: **03** hrs

Instructions: All questions are compulsory.

			Marks	Bloom's Level	CO
Q.1		**Attempt the following**			
	a)	Briefly explain the history of aviation.	08	L2	1
	b)	Prepare a comparative SWOT analysis of Boeing and Airbus.	08	L2	1
		OR			
	b)	Describe the ethical responsibility of airline industry management.	08	L3	1
Q.2		**Attempt the following**			
	a)	What is airport planning? With a neat sketch, explain about airport design layout.	08	L2	2
	b)	What are the components of airport layout? Explain in detail about terminal building and control tower.	08	L2	2
		OR			
	b)	Explain about air traffic controller, flight attendant and customer service representative.	08	L2	2
Q.3		**Attempt any two from the following**			
	a)	Explain in detail about Air transport services.	08	L2	3
	b)	Elaborate the significance of Public Private Partnership(PPP) in Indian Airports.	08	L2	3
	c)	Describe the different environmental resource categories	08	L2	3
Q.4		**Attempt any two from the following**			
	a)	Explain in detail about various safety regulations followed in Airport.	08	L2	4
	b)	List out the different freedoms of air used for air transport.	08	L2	4
	c)	What is IATA? Explain the objectives of IATA.	08	L2	4
Q.5		**Attempt any Two of the following**			
	a)	Explain in detail about various operations of ATC.	09	L2	5
	b)	Briefly explain the coordination responses to emergencies.	09	L3	5
	c)	With the help of case study or example, explain in detail about Indian aviation.	09	L3	5
Q.6		**Attempt any Two of the following**			
	a)	Explain in detail about maintenance management in Airport.	09	L2	5
	b)	Briefly explain the budget or cost involved for airport maintenance management.	09	L2	5
	c)	What is CAMM? Explain the objectives of CAMM.	09	L2	5

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