Sanjay Ghodawat University, Kolhapur

2020-21

Established as State Private University under Govt. of Maharashtra. Act No XL, 2017

EXM/P/09/00

Year and Program: Final Year B.Tech	**School of Technology**	**Department: Aeronautical Engineering**
Course Code: AET4022	**Course Title: Airlines & Airport Management**	**Semester : VIII**
Day and Date: Wednesday,02.06.2021	**End Semester Examination**	**Time:2 Hrs. Max Marks:50**

Instructions: 1) All Questions are compulsory.

		Marks	Bloom's Level	CO
Q.1	**Answer/Solve the following (any Two)**			
a)	Investigate on SWOT analysis of Indian airlines and compare SWOT analysis of Go-Air and Vistara airlines.	8	3	1
b)	What are the components of airport layout? Explain any two components in detail.	8	2	2
c)	What is airport planning? With a neat sketch, explain about airport design layout.	8	2	2
Q.2	**Answer/Solve the following (any two)**			
a)	With the help of flowchart or activity diagram, explain flight inspection and maintenance procedure.	8	3	3
b)	Categorize the different emergency services that are provided by ATC to the airlines.	8	2	3
c)	Describe all the security measures that are carried out by security management in an airport.	8	2	4
Q.3	**Answer/Solve the following (any two)**			
a)	Explain the different airspace and navigational aids for controlling air traffic.	9	2	4
b)	Describe the process in computer aided maintenance management.	9	2	5
c)	Explain the coordination responses to emergencies with case studies in airline industry	9	3	5

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