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: TY B.Tech	**School of Technology**	**Department: Aeronautical Engineering**
Course Code: AET307C	**Course Title: Aircraft General Engineering and Maintenance**	**Semester :V**
Day : Wedneday **Date: 23.12.2020**	**End Semester Examination**	**Time:2 Hrs.** **Max Marks:50**

Instructions: 1) All Questions are compulsory.
2)Assume suitable data wherever necessary.

		Marks	Bloom's Level	CO
Q.1	**Answer the following (any Two)**–			
a)	Illustrate the safety around the compressed gases in an aircraft hanger with neat sketch	8	L_2	CO1
b)	Write aboutflight line safety with clear sketch	8	L_2	CO1
c)	Describe the tie down procedure for helicopter with neat sketches.	8	L_2	CO2
Q.2	**Answer the following (any two) –**			
a)	Assume you are a design engineer Choose the aircraft for domestic operation and write down its starting procedure.	8	L_3	CO2
b)	Identify the starting procedurefor trainer aircraft.	8	L_3	CO2
c)	Select the weight and balance procedure for large airplanes	8	L_3	CO3
Q.3	**Answer the following (any two) –**			
a)	What is meant by checklist? Prepare check list for any small aircraft	9	L2	CO4
b)	Analyze the special Inspection of an aircraft and justify the reason for it.	9	L_4	CO4
c)	Assume you are a maintenance engineer to replace the aircraft skin select the layout and measuring tools.	9	L_4	CO5

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