Sanjay Ghodawat University, Kolhapur

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

2020-21

EXM/P/09/00

Year and Program: TY & B.Tech Aero	**School of Technology**	**Department: Aero**
Course Code: AET308D	**Course Title: Airframe Maintenance**	**Semester : VI**
Day and Date:	**End Semester Examination**	**Time : 2 Hrs.** **Max Marks : 50**

Instructions: 1) All Questions are compulsory.

Q.1		**Answer/Solve the following (any Two)**	**Marks**	**Bloom's Level**	**CO**
	a)	Summarize the characteristics of a good weld	8	L_2	1
	b)	Identify the riveting procedure for aircraft wing skin	8	L_2	2
	c)	Explain special welding repair procedure with neat sketches	8	L_2	1
Q.2		**Answer/Solve the following (any two)**			
	a)	Explain the procedure used in repairing of composite.	8	L_2	3
	b)	Classify the different flight controls used in Helicopter with the help of diagrams	8	L_2	4
	c)	Examine the Balance of Control Surface is accomplished in Flight Control system with neat sketch	8	L_2	4
Q.3		**Answer/Solve the following (any two)**			
	a)	Assume your aircraft is flying at high altitude and your aircraft wings are fully covered with ice. Check the function of icing system and describe it.	9	L_3	4
	b)	Identify the disposal and accidental releases of hazardous materials with clear sketches.	9	L_3	5
	c)	Select the appropriate chemical hazards used in aviation and its handling procedures.	9	L_3	5

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