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: SY & B.Tech Aero	**School of Technology**	**Department: Aero**
Course Code: AET210	**Course Title: Avionics Engineering**	**Semester : IV**
Day and Date:	**RE-End Semester Examination**	**Time : 2 Hrs.** **Max Marks : 50**

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

Q.1		**Answer/Solve the following (any Two)**	**Marks**	**Bloom's Level**	**CO**
	a)	Explain the regulatory and advisory agencies in aviation industry.	8	L_2	1
	b)	Write about construction and application of CRT.	8	L_2	1
	c)	Illustrate the working of Head up display with neat sketch	8	L_2	2
Q.2		**Answer/Solve the following (any two)**			
	a)	Explain the working of RADAR with neat sketch.	8	L_2	3
	b)	Write short notes on RADALT	8	L_2	3
	c)	Describe about VOR Navigation Equipment	8	L_2	4
Q.3		**Answer/Solve the following (any two)**			
	a)	Write notes on HF and UHF.	9	L_2	2
	b)	Explain the working of MIL STD 1553B data bus with neat sketch.	9	L_2	2
	c)	Classify the evaluation of avionics architecture with neat sketch	9	L_2	2

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