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: T.Y.BTech.	**School of Technology**	**Department: Electronics & Communication Engineering**
Course Code: ECE307	**Course Title: Program Elective-I (Audio-Video Engineering)**	**Semester : V**
Day :Wednesday Date:23/12/20	**End Semester Examination**	**Time:2 Hrs. Max Marks:50**

Instructions: 1) All Questions are compulsory.
2) Figures to the right indicate full marks.

		Marks	Bloom's Level	CO
Q.1	**Answer the following (any Two)**–			
a)	Explain composite video signal with neat diagram.	8	L1	1
b)	Define scanning. Explain Interlace scanning.	8	L1	1
c)	Describeworking of colour TV camera in detail.	8	L2	2
Q.2	**Answer the following (any two) –**			
a)	Describe PAL coder and decoder in brief.	8	L2	2
b)	Comment on digital TV signals and parameters.	8	L3	3
c)	Illustrate MAC encoding format in HDTV.	8	L3	3
Q.3	**Answer the following (any two) –**			
a)	Describe P.A.System for auditorium.	9	L2	3
b)	Compare LCD matrix types based on construction and operation.	9	L4	4
c)	Elaborate CCTV system in detail.	9	L5	4

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