



III SEMESTER B.TECH. (MEDIA TECHNOLOGY)

END SEMESTER MAKEUP EXAMINATIONS, JANUARY 2023

SUBJECT: AUDIO VIDEO STUDIOS [MED 2151]

**REVISED CREDIT SYSTEM
(//2023)**


Time: 180 minutes

MAX. MARKS: 50

Instructions to Candidates:

- ❖ Answer **ALL** the questions.
- ❖ Missing data may be suitable assumed.

Q.	QUESTION	Mark	BTL	CO
1A.	With the help of neat labelled diagram, explain the layout of television studio.	4	L3	CO1
1B.	Explain the functions of following equipment a. Headphones b. Pop filter c. EFP camera d. Camera pedestal	4	L1	CO3
1C.	Write a short note on warning cues.	2	L1	CO4
2A.	Explain the elements of business plan for studio.	4	L1	CO5
2B.	Explain the layout of radio studio with a neat labelled diagram.	3	L2	CO1
2C.	Explain the following concepts with respect to reflection of sound. a. Standing waves b. Reverberation c. Echoes	3	L1	CO2
3A.	Identify and explain the following hand cues used in studio.	4	L3	CO4

	 <div style="display: flex; justify-content: space-around; margin-top: 5px;"> a b c d </div>			
3B.	Explain any three methods of heat transmission.	3	L1	CO6
3C.	Explain the importance of symmetry in control room design. Considering the layout of Department Media Studio, explain how will you use LEDE approach for control room?	3	L3	CO2
4A.	Explain the hand cues to be used in the following situations. a. Talent is standing too close to the mic. b. Talent needs to look at the sound engineer.	4	L3	CO4
4B.	Explain any four criteria used for fixing the price for a session in a studio.	4	L1	CO5
4C.	Write a short note on causes and consequences of fire in the studio.	2	L1	CO6
5A.	Compare the working of ribbon mic and condenser mic.	4	L4	CO3
5B.	Explain following cueing system used in studio. a. Interruptible foldback b. Cue cards c. Word cues	3	L1	CO4
5C.	Compare the concrete floating floor and wooden floating floor construction techniques.	3	L4	CO2