



MANIPAL INSTITUTE OF TECHNOLOGY
MANIPAL
(A constituent unit of MAHE, Manipal)

III SEMESTER B.TECH. (MEDIA TECHNOLOGY)

END SEMESTER GRADE IMPROVEMENT/ MAKE-UP EXAMINATIONS, JULY 2021

SUBJECT: AUDIO VIDEO STUDIOS [MED 2151]
REVISED CREDIT SYSTEM

19 / 07 / 2021

Time: 2 Hours

MAX. MARKS: 40

Instructions to Candidates:

- ❖ Answer any **FOUR FULL** questions.
- ❖ Missing data may be suitably assumed.

Q.1.A	Explain the following general requirements for building studio. a. Clients b. Income growth c. Site selection d. Speciality of studio e. Initial and ongoing cost
Q.1.B	With the help of diagram, explain the layout for audio studio
[5 + 5]	
Q.2.A	Explain standing waves and comb filtering effect with respect to reflection of sound.
Q.2.B	With the help of diagram, explain staggered stud and double wall partition used of sound proffing walls.
[5 + 5]	
Q.3.A	Explain the following equipment used in Audio Studio. a. Audio Interface b. Studio monitor c. Headphones d. Microphone stands e. TRS cables
Q.3.B	Explain the following equipment used in Audio Studio. a. Studio Broadcasting Cameras b. Teleprompter c. Tripod d. Jib e. Stabilizers
[5 + 5]	

Q.4.A	List the duties of following personnel from Audio Studio. a. Audio Engineer b. Mixing Engineer c. Mastering Engineer d. Studio Manager e. Foley Artist
Q.4.B	List the duties of following personnel from Video Studio. a. Producer b. Development Researcher c. Storyboard Artist d. Talent Manager e. Line Producer
[5 + 5]	
Q.5.A	Explain the following hand cues. a. Cut b. Stretch c. On time d. Speed up e. Standby
Q.5.B	Explain following methods of cueing a. IFB b. Warnig cues
[5 + 5]	
Q.6.A	Explain the following income sources of studio. a. Renting out equipment b. Music and dialog editing
Q.6.B	Explain the common causes and consequences of fire
[5 + 5]	