Reg. No.					



## V SEMESTER B.TECH. (PRINT AND MEDIA TECHNOLOGY) END SEMESTER EXAMINATIONS, NOVEMBER 2019

SUBJECT: SOUND ENGINEERING [PMT 3104]

REVISED CREDIT SYSTEM

(20/11/2019)

(20/11/2019)							
٦	Time: 3 Hours MAX. MARKS: 50						
	Instructions to Candidates:						
	<ul> <li>Answer ALL the questions.</li> <li>Missing data may be suitably assumed.</li> </ul>						
1A.	Explain the following:						
	a. Amplitude b. Frequency						
1B.	With the help of a neat diagram explain the functions of the different parts present in the middle ear.						
1C.	What are the different elements of communication?						
	[ 02 + 04 + 04 ]						
2A.	How sound is divided based on frequency range?						
2B.	What are the negative effects of not considering the following parameters when buying a microphone:						
	a) Connector type b) Size c) Phantom power d) Place of Usage						
2C.	With the help of a neat diagram explain the guidelines to be followed in the construction o						
	framed walls that have high transmission losses.						
	[ 02 + 04 + 04 ]						
3A.	With the help of a diagram show the construction of a moving coil speaker driver.						
3B.	Explain the different sections present in the input section of the Mixer.						
3C.	Explain the placements of studio monitors based on their distance from the listener.						
	[ 02 + 04 + 04 ]						
4A.	How are cassette tapes prevented from accidental re-writes?						
4B.	Explain the working of a CD.						

**5A.** List the advantages and disadvantages of Cardioid mic in speech recording.

Slipmats

**5B.** What are the steps involved in Recording and Mixing Vocals?

**5C.** Explain 4 types of Stereo miking techniques.

b.

Explain the following.

Platter

4C.

a.

[02 + 04 + 04]

[02 + 04 + 04]

PMT 3104 Page 1 of 1

C.

Plinth

d.

**Drive Systems**