



23104381

QP CODE: 23104381

Reg No :

Name :

**B.A DEGREE (CBCS) REGULAR / IMPROVEMENT / REAPPEARANCE
EXAMINATIONS, JANUARY 2023**

Third Semester

B.A Multimedia Model III

Core Course - MT3CRT09 - AUDIOGRAPHY I

2017 Admission Onwards

1C6B7D84

Time: 3 Hours

Max. Marks : 80

core

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. What happens to the speed of sound when temperature of air is increased?
2. Define direct sound.
3. What is indirect sound?
4. What are the different types of sound waves?
5. What is a pitch in sound?
6. What do you mean by diffraction of sound?
7. Who invented the tin foil phonograph?
8. What is audio mixer?
9. What is the difference between mono and stereo audio?
10. Name any 2 methods of modulation.
11. What is the function of an oscillator in AM and FM radio devices?
12. Why does a AM radio make noise when a switch is turned on in a home ?

(10×2=20)

Part B





*Answer any **six** questions.
Each question carries **5** marks.*

13. Why sound does not travel in vacuum?
14. Explain Haas effect.
15. What is reverberation? Give the difference between 'live' and 'dead' room.
16. How does a Dynamic microphone work? Explain with diagram .
17. Explain the main parts of a loudspeaker.
18. How does a tin foil phonograph work?
19. Describe the working of phonograph.
20. Write a short note on internet radio.
21. Write a short note on public and community radio broadcasting

(6×5=30)

Part C

*Answer any **two** questions.
Each question carries **15** marks.*

22. What are the similarities of Human ear and Microphone? Explain with diagrams.
23. Explain different kinds of microphones for professional needs
24. Explain the Advantages and disadvantages of Digital recording and Magnetic tape recording
25. Explain recording techniques.

(2×15=30)

