



K23U 2595

Reg. No. :

Name :

**V Semester B.M.M.C. Degree (CBCSS – OBE – Regular/Supplementary/
Improvement) Examination, November 2023
(2020 – 2021 Admissions)
Core Course
5B08 BMC : AUDIOGRAPHY**

Time : 3 Hours

Max. Marks : 40

PART – A

Short answer questions. Answer **all**. **Each** question carries **1** mark.

1. The physical distance between two consecutive points in a sound wave that are in phase with each other is called _____.
2. Bit depth.
3. Phantom power.
4. Virtual instrument.
5. Input devices.
6. Equalization.

(6×1=6)

PART – B

Short essay questions. Answer **any six**, **not** exceeding **75** words. **Each** question carries **2** marks.

7. Hearing sensitivity.
8. Condenser microphone.
9. Pro Tools preferences.
10. Delay.

P.T.O.



11. Edit window.
12. Audio processing.
13. Sampling and anti-aliasing.
14. Mastering.

(6×2=12)

PART – C

Essay questions. Answer **any four**, **not** exceeding **150** words. **Each** question carries **3** marks.

15. What is involved in measuring sound and why is it important ?
16. What is noise in the context of audio recording and how can it be minimized ?
17. What are the different types of tracks available in Pro Tools ?
18. How can you apply automation in Pro Tools to enhance a mix ?
19. Explain the significance of window configurations and arrangements in audio editing and mixing.
20. How does the placement and positioning of microphones impact the recording process, particularly when capturing acoustic instruments or vocals ? (4×3=12)

PART – D

Long essay questions. Answer **any two**, **not** exceeding **300** words. **Each** question carries **5** marks.

21. Explain the role of sound design in creating an immersive experience in Video Games.
22. Compare and contrast analogue and digital cables and their roles in audio recording systems.
23. What are busses in audio recording and how are they used to streamline the mixing process ?
24. Discuss the significance of headphones and headphone mixes in audio production and recording. (2×5=10)