

S.No. 3272

P 16 VCE 2

(For candidates admitted from 2016–2017 onwards)

M.Sc. DEGREE EXAMINATION, NOVEMBER 2022.

Visual Communication – Elective

FUNDAMENTALS OF SOUND

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20)

Answer ALL questions.

1. What is Sound?
2. Frequency
3. Amplitude
4. Explain about Polar Pattern
5. Sound Mixer
6. Phantom Power
7. Equalization
8. Ambience Sound
9. Sound Effect
10. Podcasting

PART B — ($5 \times 5 = 25$)

Answer ALL questions choosing either (a) or (b).

11. (a) Write brief note on :

- (i) RCA
- (ii) BNC
- (iii) XLR.

Or

(b) Explain the elements of Sound.

12. (a) Explain the salient features of digital broadcast.

Or

(b) Write about equipments used for recording sound in Studio.

13. (a) Explain the types and uses of Headphones in sound production.

Or

(b) Brief a note about :

- (i) Wind shield
- (ii) Pop filter
- (iii) Boom pole.

14. (a) What is Microphone? Mention any two types of special microphones.

Or

(b) Explain the different types of Audio file formats.

15. (a) Explain how FM broadcast differs from DRM broadcast.

Or

(b) Suggest how the Community Radio can be used for rural development.

PART C — ($3 \times 10 = 30$)

Answer any THREE questions. .

16. Exemplify the importance of resonance in sound recording process.

17. Discuss the role of mixing console in sound production.

18. Describe the structure of a radio studio and explain the roles of each staff working there.

19. What is FM broadcasting? How it is different from AM broadcasting?

20. What is 7.1 reproduction of sound? How does it enhance our music reception?