

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2019  
(Third Semester)

Branch - VISUAL COMMUNICATION (ELECTRONIC MEDIA)

AUDIO PRODUCTION TECHNIQUES/AUDIOGRAPHY

Time: Three Hours

Maximum: 75 Marks

**SECTION-A (10 Marks)**

Answer ALL questions

ALL questions carry EQUAL marks (10 x 1 = 10)

- 1 Vibrations that travel through the air and can be heard when they reach a person's ear
    - (i) Sound
    - (ii) Ground
    - (iii) Bound
    - (iv) Wound
  - 2 A unit used to measure the intensity of sound
    - (i) ab
    - (ii) bb
    - (iii) cb
    - (iv) db
  - 3 An electronic device used to combine sounds of many different audio signals
    - (i) Speaker
    - (ii) Console
    - (iii) Mono
    - (iv) Stereo
- VU is the short form of \_\_\_\_\_ Unit meter
- (i) Volume
  - (ii) Vehicle
  - (iii) Vertical
  - (iv) Vector
- \_\_\_\_\_ is the collection of physical parts of a computer system
- (i) CPU
  - (ii) Malware
  - (iii) Software
  - (iv) Hardware
- \_\_\_\_\_ is sound within the acoustic range available to humans
- (i) Video
  - (ii) Multimedia
  - (iii) Audio
  - (iv) Graphics
- Synchronization is shortly written as
- (i) Sine
  - (ii) Synk
  - (iii) Sinq
  - (iv) Sync
- SMPTE - Society of Motion picture and \_\_\_\_\_ Engineers
- (i) Technical
  - (ii) Television
  - (iii) Travel
  - (iv) Teaching
- Newly received information about recent event is
- (i) News
  - (ii) Views
  - (iii) Beat
  - (iv) Report
- 10 Advertising space in radio is called
  - (i) Radio advertising
  - (ii) Jingle
  - (iii) On-air
  - (iv) Spot

**SECTION - B (25 Marks)**

Answer ALL questions

ALL questions carry EQUAL Marks (5 x 5 = 25)

1 1 a What are the types of audio cables?

12 a What is an amplifier? How does it work?

OR

b Differentiate between analog and digital audios.

13 a What is a talk back programme?

OR

b What is sound mixing?

14 a Differentiate between onstage and offstage recordings.

OR

b What are the steps in the pre recording stage of an interview recording in the studio?

15 a What are the advantages and disadvantages of radio advertising?

OR

b Write short note on radio drama.

**SECTION -C (40 Marks)**

Answer **ALL** questions

**ALL** questions carry **EQUAL** Marks ( 5 x 8 = 40)

16 a How does a transmitter and a receiver work?

OR

b Compare unidirectional, bidirectional and omnidirectional microphones. Illustrate.

17 a Explain various parts and functions of a mixer.

OR

b What are the hardwares needed for an audio recording?

18 a Give a brief note about VST software and its plug-ins.

OR

b Explain how surround sound works.

19 a Elaborate on the various forms of sound.

OR

b How to design sound for cinema?

20 a Discuss the contribution of any one of the Tamil FM channels towards music appreciation.

OR

b What are the educational and developmental programmes broadcast on radio?