

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2022
(Third Semester)

Branch – VISUAL COMMUNICATION(ELECTRONIC MEDIA)

AUDIO PRODUCTION TECHNIQUES

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (5 x 1 = 5)

- 1 Identify Analog to digital audio conversion process is otherwise known as Audio _____
(i) Analog conversion (ii) Computerization
(iii) Digitalization (iv) Track conversion.
- 2 Indicate the technology _____ used to combine, route, and change the dynamics, equalization and other properties of multiple audio input signals.
(i) DMC (ii) AMD
(iii) AMP (iv) QLED
- 3 Mention on the Talk back system used _____ in recording studios.
(i) Intercom (ii) Speaker
(iii) Console (iv) Light meter
- 4 What refers to the time difference from the moment a signal is fed into the system to the moment it appears at the output?
(i) Mixing (ii) Change
(iii) Equalization (iv) latency
- 5 Which technology allows transmit AM and FM analog signals simultaneously with new higher quality digital signals?
(i) DAB (ii) DRM
(iii) FMB (iv) SWB

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 3 = 15)

- 6 a Discuss briefly about handheld audio recorders.
OR
b Explain about pick up patterns of Microphones.
- 7 a Describe the advantages of digital audio mixers.
OR
b Describe the functions of Preamp.
- 8 a Explain the salient features of sound monitors.
OR
b Briefly explain about the sound editing software.
- 9 a Identify the equipments required for digital audio recording
OR
b Explain about sound designing.

Cont...

10 a Illustrate production techniques of radio commercials.

OR

b Briefly explain about audio books.

SECTION -C (30 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** Marks

(5 x 6 = 30)

11 a Explain the needs and advantages of digital audio conversion.

OR

b Explain the various types of microphones and their pick up patterns.

12 a Highlight the structure of digital audio mixer with the help of a diagram and explain its functions.

OR

b Explain the process of software used audio mixing.

13 a Describe about mono, stereo, surround audio systems and their effects.

OR

b Enumerate the special features of various types of headphones and earphones.

14 a Explain the process of onstage and offstage audio recording.

OR

b Discuss about various audio file formats and audio effects.

15 a Summarize the different types of radio programmes and their production techniques.

OR

b Discuss about the growth of audio books in recent years and highlight the commercial aspects.

Z-Z-Z

END