

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION MAY 2022
(Third Semester)

Branch – VISUAL COMMUNICATION & ELECTRONIC MEDIA

AUDIO PRODUCTION TECHNIQUES

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

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

1. Identify the noise protection filter for microphones.
a. Pop filter b. Pop shield c. Pop screen d. All
2. Which microphone is attached with anchor's body?
a. Dynamic b. Ribbon c. Condenser d. Lavalier
3. What is an abbreviation of VU
a. Volatile Unit b. Variable Unit c. Volume Unit d. Velocity Unit
4. Find the option which controls the input level of each individual channel.
a. EQ b. Gain c. Fader d. Pan
5. Which of the following is used to enhance audio related functionality in a computer program
a. Audio driver b. Plug-in c. Audio software d. None
6. Identify the intercom used in recording studio
a. Talkback b. Foldback c. Intercom d. Earphone
7. What is the FPS of SMPTE?
a. 24 b. 25 c. 29.97 d. Custom
8. Which of the following is the custom sound made in post production?
a. Dubbing b. Voice over c. Mimicry d. Foley
9. How is DAB broadcast?
a. Computer b. Mixer c. Transmitter d. Hardware
10. What is AM stands for?
a. Amplitude modulation b. Adjustable modulation
c. Anti modulation d. None

SECTION - B (25 Marks)

Answer ALL questions

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

11. (a) Explain the various components of transmitter.
(OR)
(b) Why do we need to convert analog to digital audio? Explain.
12. (a) Describe the importance of multitrack recording.
(OR)
(b) Bring out the advantages and disadvantages of analog mixer.
13. (a) Classify the types of MIDI devices.
(OR)
(b) Explain talkback and foldback.
14. (a) Explain Internet radio.
(OR)
(b) Explain the importance of audio synchronization to video.

Cont...

15. (a) Explain any one of the educational program you have listened to radio.
(OR)
(b) Compare AM radio with FM radio.

SECTION -C (40 Marks)

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

16. (a) Discuss how ribbon mic works.
(OR)
(b) Examine the basic set up of an audio studio.
17. (a) Enumerate the importance of any one of the audio mixer software.
(OR)
(b) Classify the types of amplifiers.
18. (a) Discuss the process of mixing.
(OR)
(b) Compare mono, stereo, surround and 3D audio.
19. (a) Analyze the various elements of radio production.
(OR)
(b) Point out the importance of sound in film.
20. (a) Discuss the stages involved in radio commercial production.
(OR)
(b) Identify the advantages and disadvantages of DAB.

Z-Z-Z END