PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MSc DEGREE EXAMINATION DECEMBER 2022
(First Semester)

Branch – ELECTRONIC MEDIA

AUDIO PRODCUTION

Time: Three Hours   Maximum: 50 Marks

SECTION-A (5 Marks)
Answer ALL questions
ALL questions carry EQUAL marks   (5 x 1 = 5)

1 Microphone which picks up the sound from both sides is _____
   - (i)   Bi directional
   - (ii) Omni directional
   - (iii) Shot gun
   - (iv) Lapel

2 Vu meter in the audio console depicts the _____ level.
   - (i)   Pitch
   - (ii) Volume
   - (iii) Frequency
   - (iv) Signal

3 _____ should not be too low for the audio signal to be reconstructed to the original one in a digital recording system.
   - (i)   Phase
   - (ii) Amplitude
   - (iii) Frequency
   - (iv) Sample rate

4 _____ type of loudspeaker is used to achieve the high power output of more than 25 watts.
   - (i)   Horn
   - (ii) Electrodynamic
   - (iii) Cone
   - (iv) Carbon

5 As sound requires a medium, it cannot travel through which of the following?
   - (i)   Glass
   - (ii) Air
   - (iii) Vacuum
   - (iv) Water

SECTION - B (15 Marks)
Answer ALL Questions
ALL Questions Carry EQUAL Marks   (5 x 3 = 15)

6 a   Evaluate the list of equipment's required for a basic studio setup.

OR

   b   Illustrate and distinguish the different type of cables and connectors involved in audio studio.

7 a   Determine on the term "Audio sweetening".

OR

   b   Evaluate the usage of Studio talkback system in audio studio.

8 a   Classify the role of a Foley artist.

OR

   b   State commonly used Audio recording software in the industry.

9 a Discuss the term - Wired and Wireless in audio.

OR

b Elucidate the process of ADR / Dubbing in audio production.

10 a Analyze the term "Pilot Track".

OR

b Elucidate the process involved in radio audience measurement.

SECTION -C (30 Marks)
Answer ALL questions
ALL questions carry EQUAL Marks   (5 x 6 = 30)

11 a Discuss on the structure and layout of an audio studio with signal flow.

OR

b Explain the different types of microphones used in Audio studio.

12 a Elucidate the importance of DAW with its usage in terms of recording, editing and producing audio files.

OR

b Explicate the usage of VST processors in audio post production.

13 a Analyze in detail about the different audio file formats used in audio production.

OR

b Categorize and brief on the following term in audio production:
i) Limiter ii) Expander iii) Gate

14 a Interpret the importance of creating a radio programme in bringing a change on society.

OR

b Categorize the type of radio audience and depict the importance of understanding it while creating radio talks.

15 a Classify the Ethics and Principle to be followed and kept in mind while creating a radio programme for community radio.

OR

b Evaluate on the advantages of using Artificial intelligence in audio production.

Z-Z-Z   END