

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)

MSc DEGREE EXAMINATION MAY 2023  
(First Semester)

Branch –ELECTRONIC MEDIA

AUDIO PRODUCTION

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(5 x 1 = 5)

- 1 What is defined as the speaker which covers low audio frequencies?  
(i) Woofer (ii) Tweeter  
(iii) Crossover network (iv) Squawker
- 2 Which of the following is also called reverse transducer?  
(i) Microphone (ii) CD  
(iii) Baffle (iv) Loudspeaker
- 3 What is the range of a high impedance microphone?  
(i) 50 to 100  $\Omega$  (ii) 100 to 600  $\Omega$   
(iii) 500 to 550  $\Omega$  (iv) 750  $\Omega$  and above
- 4 What is termed as one repetition of the pattern?  
(i) Cycle (ii) Frequency  
(iii) Velocity (iv) Wavelength
- 5 AIR is also termed as \_\_\_\_\_  
(i) Vividh bharathi (ii) Akashwani  
(iii) Bharath FM (iv) None of the above

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks

(5 x 3 = 15)

- 6 a State the terms XLR, TRS, TS & RCA.  
OR  
b Determine the purpose of Windshield with its importance.
- 7 a Discuss MIDI.  
OR  
b State simulcast and its features.
- 8 a Evaluate the features of Track mixing in audio production.  
OR  
b Justify the common file formats used in audio production.

Cont...

- 9 a State and brief on the type of radio genres.  
OR  
b Analyze on the equipment's involved in recording an interview for radio.
- 10 a Differentiate AM, FM and Internet Radio.  
OR  
b State and define the term Audio Conferencing.

**SECTION -C (30 Marks)**

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 6 = 30)

- 11 a Enumerate the roles and responsibilities of a Radio station head and Radio jockey.  
OR  
b Determine the uses of following equipment's in audio studio i) Pop filter  
ii) Handy sound recorder iii) Talkback system
- 12 a Analyze on the type of cable and connectors used in the audio studio with its features.  
OR  
b Predict the role of Audio interface in audio production signal flow.
- 13 a Compare the advantages & disadvantages of wired and wireless in detail.  
OR  
b Develop the production elements for any one commercial radio programme.
- 14 a Elucidate the Do's and Don'ts while performing an outdoor recording session.  
OR  
b Formulate on the challenges faced in creating a special audience programme on radio station.
- 15 a Elucidate the importance of Pod casting with its advantages and disadvantages.  
OR  
b "Community radio solves rural area problems" – Justify.

Z-Z-Z END