

19101890



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Reg. No.....

Name.....

B.A. DEGREE (C.B.C.S.) EXAMINATION, MAY 2019

Second Semester

B.A. Audiography and Digital Editing

AE 2CR T03—2.3 AUDIO ELECTRONICS

(2017 Admission onwards)

Time : Three Hours

Maximum Marks : 80

Part A

I. Answer any *ten* questions. 2 marks each :

- 1 Frequency.
- 2 Ohms Law.
- 3 Sound enclosures.
- 4 Audio Samples.
- 5 XLR.
- 6 dB.
- 7 Impedance.
- 8 Reverb.
- 9 Sampling rate.
- 10 PA System.
- 11 In-Ear Headphone.
- 12 WMA.

(10 × 2 = 20)

Part B

II. Answer any *six* questions. 5 marks each :

- 13 What is stereophonic sound ?
- 14 Write a short note on cross over network.
- 15 Explain the directivity of the microphones.
- 16 Explain the relation between frequency and pitch.

Turn over





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- 17 What is distortion ? Explain different types of distortion.
- 18 Explain the working of moving coil loud speaker.
- 19 What is passive electronic component ? Give an Example.
- 20 Write a short note on Audio Filters.
- 21 How to choose a right microphone ?

(6 × 5 = 30)

Part C

III. Answer any *two* questions. 15 marks each :

- 22 Explain different biasing methods.
- 23 What is input transducer in audio ? Explain its applications.
- 24 Explain the magnetic tape recording process.
- 25 What are the different audio connectors ?

(2 × 15 = 30)

