



17738



BRAINWARE UNIVERSITY

Term End Examination 2024-2025

Programme – M.Sc.(MSJ)-2024

Course Name – Audiography

Course Code - MSJ27303B (T)

(Semester II)

Library

Brainware University
398, Ramkrishnapur Road, Barasat
Kolkata, West Bengal-700125

Full Marks : 40

Time : 2:0 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 10=10

1. *Choose the correct alternative from the following :*

(i) Identify the medium through which sound can travel.

- | | |
|----------|-----------------|
| a) Solid | b) Liquid |
| c) Gas | d) All of these |

(ii) Identify the way to avoid room reflection during recording sessions.

- | | |
|-----------------------|---------------------|
| a) Inclined Window | b) Inclined Ceiling |
| c) Non Parallel Walls | d) All of these |

(iii) Select the name of the curve defines the human ear response to different frequencies

- | | |
|--------------------------|------------------|
| a) Fletcher Munsen curve | b) Bell curve |
| c) Shanon curve | d) None of these |

(iv) Select the best outdoor mic for dialogue recording.

- | | |
|--|---|
| a) Shot gun | b) Microphone with cardioid polar pattern |
| c) Microphone with bidirectional polar pattern | d) Microphone with omni polar pattern |
| polar pattern | |

(v) Identify boom pole movements

- | | |
|----------|-----------------|
| a) Swing | b) Raise |
| c) Lower | d) All of these |

(vi) Name the single file consisting two channels of audio.

- | | |
|-------------|------------------|
| a) Stereo | b) Mono |
| c) Surround | d) None Of These |

(vii) Name one of example shotgun mic.

- | | |
|-----------|-----------------------|
| a) Akg414 | b) Audio Technica2020 |
|-----------|-----------------------|

- c) Sennheiser Mkh416
 (viii) Name some podcast platforms.
 a) Youtube
 c) Itunes
 (ix) Name different kinds of meters used in audio equipment.
 a) vu meter
 c) digital full scale meter
 (x) Name the different sound monitoring and mixing formats.
 a) mono
 c) surround
- d) None Of These
 b) Spotify
 d) All of These
 b) peak meter
 d) all of these
 b) stereo
 d) all of these

Group-B
 (Short Answer Type Questions)

3 x 5=15

2. Discuss difference between reverberation and delay. (3)
 3. Write about master faders. (3)
 4. Describe sound (3)
 5. Discuss about graphic equaliser. (3)
 6. Write about polar pattern of shotgun mic. (3)

OR

State the difference between mic level and line level signal. (3)

Group-C
 (Long Answer Type Questions)

5 x 3=15

7. Discuss transient of sound. (5)
 8. Discuss the use of equalization in audio recording and processing. (5)
 9. Discuss digital metering and digital audio clipping. (5)

OR

Write about the advantage of using an electret condenser mic. (5)

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