



BRAINWARE UNIVERSITY

Term End Examination 2022

Programme – B.Sc.(MM)-Hons-2019/B.Sc.(AM)-Hons-2020

Course Name – Sound Editing and Mixing

Course Code - BMMD501A

(Semester V)

LIBRARY
Brainware University
Barasat, Kolkata -700125

Full Marks : 60

Time : 2:30 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 15=15

1. Choose the correct alternative from the following :

(i) Identify the Human audible range.

a) 20 Hz to 20000 Hz

b) 20 MHz to 20000 MHz

c) 20 GHz to 20000 GHz

d) 200 Hz to 20000 Hz

(ii) Identify Sound below 20 Hertz.

a) Sub sonic

b) Ultrasonic Sound

c) Super sonic

d) Infrasonic Sound

(iii) Select which type of wave does sound propagate in Solid medium.

a) Longitudinal

b) Transverse

c) Both Longitudinal and Transverse

d) None

(iv) Distinguish a Waveform is depicted by a graph that shows.

a) Changes in recorded signals amplitude over the duration of recording.

b) Changes in playback speed over the duration of recording.

c) Changes in recorded signals amplitude over playback speed.

d) None

(v) Choose what speeds greater than five times the speed of Sound are called

a) Super-sonic

b) Sub-sonic

c) Hyper-sonic

d) Penta-sonic

(vi) Identify the type of sound has a reference in the narrative.

a) Diegetic

b) Non-diegetic

c) Noise

d) None

(vii) Indicate which of the following is true about Non Linear Editing

a) It is digital Editing

b) Edit points are accessed randomly

c) Editing is done quicker than Linear Editing

d) All are correct

(viii) Indicate which of the following Sample Rates is termed as a Standard Sample Rate.

a) 24000 Hertz

b) 44100 Hertz

c) 36000 Hertz

d) 64000 Hertz

(ix) Indicate the dynamic range of sound in digital platform.

- a) Sample Rate
- b) Wavelength
- c) Bit Depth
- d) Time Duration
- (x) The amplitude measurement of each sample is rounded to the nearest bit. What is this process called.
 - a) Quantization
 - b) Clocking
 - c) Sample and Hold
 - d) Compression
- (xi) Choose .mp3 is the short form of.
 - a) MPEG Layer III Audio
 - b) Matroska Audio 3
 - c) Media Player III
 - d) None
- (xii) Choose full form of CODEC.
 - a) Coding - Decoding
 - b) Compression Deciding
 - c) Compression - Decompression
 - d) None
- (xiii) Choose Microphone is made for recording sound from Solid medium?
 - a) Lavalier
 - b) Contact
 - c) Shotgun
 - d) None
- (xiv) Distinguish the specialist who mixes all the audio tracks supplied by the Dubbing Editor.
 - a) Dubbing Artist
 - b) Foley Artisit
 - c) Sound Editor
 - d) None
- (xv) Choose audio rerecording process.
 - a) Voice recording
 - b) Dialogue
 - c) Dubbing
 - d) None of them

Group-B

(Short Answer Type Questions)

3 x 5=15

- 2. Describe First Person Narration. (3)
- 3. Explain Effects controls. (3)
- 4. Explain Reverb effect. (3)
- 5. Discuss Echo effect. (3)
- 6. Explain Foley sound. (3)

OR

Explain Bit Depth. (3)

Group-C

(Long Answer Type Questions)

5 x 6=30

- 7. Describe Monologue. (5)
- 8. Explain Audio Channels. (5)
- 9. Discuss Audio restoring techniques. (5)
- 10. Explain the difference between Analog and Digital Audio. (5)
- 11. Define Narration. (5)
- 12. Discuss Time and pitch effects. (5)

OR

Explain Pulse Code Modulation. (5)
