



BRAINWARE UNIVERSITY

Term End Examination 2023

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) Define 20 Hz to 20000 Hz sound.
- | | |
|------------------------|------------------------|
| a) Ultrasonic Sound | b) Infrasonic Sound |
| c) Human Audible range | d) Bat's audible range |
- (ii) Choose the Volume level at the Point of Equilibrium.
- | | |
|------------|-----------|
| a) 0 db. | b) 10 db. |
| c) -10 db. | d) None |
- (iii) Identify the term for something that continues to vibrate at a specific frequency.
- | | |
|-----------------|--------------|
| a) Translucence | b) Luminance |
| c) Ambience | d) Resonance |
- (iv) Identify why Infrasonic Sound is used.
- | | |
|------------------------|-------------------------|
| a) Seismic forecasting | b) Medical diagnostics |
| c) Playing Music | d) Rainfall forecasting |
- (v) Identify type of sound has a source on-screen.
- | | |
|----------|-------------|
| a) Sync | b) Non-sync |
| c) Noise | d) None |
- (vi) Identify Diegetic sound.
- | | |
|------------------------------------|-------------------------|
| a) Background Music | b) Off camera narration |
| c) Dialogue between two characters | d) None |
- (vii) Indicate which type is Shotgun Microphone
- | | |
|-------------------|--------------------|
| a) Unidirectional | b) Omnidirectional |
| c) Angular | d) Bidirectional |
- (viii) Choose the device used for converting Acoustic Energy into Electrical Signal.
- | | |
|---------------|-----------------|
| a) Microphone | b) Loud Speaker |
| c) Mixer | d) Grinder |
- (ix) Choose the full form of PCM.
- | | |
|----------------------------|-------------------------------|
| a) Pulse Code Modification | b) Pulse Control Modification |
| c) Pulse Code Modulation | d) Pulse Control Modulation |

- (x) Choose electronic amplifier that converts a weak electrical signal into an output signal strong enough to be noise-tolerant and strong enough for further processing.
a) Loudspeaker
b) Microphone
c) Preamp
d) Sound Card
- (xi) Choose the sound overshadows another sound in such a way that we cannot hear the second sound.
a) Sampling
b) Over Shadow
c) Mixing
d) Masking
- (xii) Choose the final step of audio post-production.
a) Fostering
b) Designing
c) Mastering
d) None
- (xiii) Choose the term used to define Pro Tools.
a) digital audio playstation
b) analog audio playstation
c) analog audio workstation
d) digital audio workstation
- (xiv) Distinguish the audio advertisement comprising of a song.
a) Jingle
b) Twinkle
c) Mingle
d) None
- (xv) Indicate those sounds which are synchronized or matched with what is viewed.
a) Synchronous
b) Asynchronous
c) Contrapuntal
d) Pleonastic

Group-B

(Short Answer Type Questions)

3 x 5=15

2. Explain Bit Depth. (3)
3. Describe second Person Narration. (3)
4. Explain Fade In and Fade out. (3)
5. Discuss Export multitrack mixdown procedure. (3)
6. Explain Master track. (3)

OR

Explain Effects controls. (3)

Group-C

(Long Answer Type Questions)

5 x 6=30

7. Describe different types of Dialogue. (5)
8. Explain Pulse Code Modulation. (5)
9. Explain the process for Applying Noise Reduction. (5)
10. Define Narration. (5)
11. Explain Amplitude and Compression. (5)
12. Explain Multitrack Session. (5)

OR

Discuss the advantages and dis-advantages of Multitrack editor. (5)