BRAINWARE UNIVERSITY

Term End Examination 2023
Programme – M.Sc.(AM)-2022
Course Name – Sound Designing for Cinema
Course Code - MMM202
(Semester II)

Full Marks : 24   **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)   Distinguish AM _____.

   a) Amplitude Manipulation   b) Amplitude Motion
   c) Amplitude Modulation   d) None of these

(ii)   Select the option that classifies the maximum displacement of a particle of sound from its mean or equilibrium position.

   a) Wavelength   b) Decibel
   c) Amplitude   d) Frequency

(iii)   Select the frequency for Ultrasonic Sound.

   a) 20 MHz   b) 20 GHz
   c) 20 Hz   d) None of these

(iv)   Choose the Volume level at the Point of Equilibrium.

   a) 0 db.   b) 10 db.
   c) -10 db.   d) None of these

(v)   Choose the format of Lossless Audio.

   a) .wav   b) .mp3
   c) Intonation   d) None of these

(vi)   Select .mp3 is the short form of :

   a) MPEG Layer III Audio   b) Matroska Audio 3
   c) Intonation   d) None

(vii)   Name the full form of CODEC.

   a) Coding - Decoding   b) Compression Deciding
   c) Intonation   d) None of these

(viii) Choose the type of Microphone that is made for recording sound from Solid medium.

    a) Lavalier   b) Contact
    c) Intonation   d) None of these

(ix) Select the term used for a region of high air pressure in a sound wave.

    a) Compression   b) Rarefaction
    c) Intonation   d) Dissonance

(x) Choose the option that defines the number of complete oscillations or vibrations in a second performed by a particle of sound in the path of the wave.

    a) Wavelength   b) Sample Rate
    c) Frequency   d) None of these

(xi) Choose 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

(xii) Choose the term to define the Sound below 20 Hertz.

    a) Sub sonic   b) Ultrasonic Sound
    c) Super sonic   d) Infrasonic Sound

(xiii) Distinguish the type of sound wave that propagates in Solid medium.

    a) Longitudinal   b) Transverse
    c) Both Longitudinal and Transverse   d) None of these

(xiv) 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) Intonation   d) Sound Card

(xv) Choose the sound option that overshadows another sound in such a way that we cannot hear the second sound.

    a) Sampling   b) Over Shadow
    c) Intonation   d) Masking

Group-B
(Short Answer Type Questions)   3 x 5=15

2. Describe "First Person Narration".   (3)
3. Describe "Interpolation Conversation".   (3)
4. Explain "Internal Monologue".   (3)
5. Explain "Foley" sound.   (3)
6. Define "Diegetic" sound.   (3)

OR

   Define "Non Diegetic" sound.   (3)

Group-C
(Long Answer Type Questions)   5 x 6=30

7. Explain Channels   (5)
8. Explain "Multitrack Session".   (5)
9. Explain "Pulse Code Modulation".   (5)
10. Diccuss the use of Microphones.   (5)
11. Diccuss the use of Loudspeakers.   (5)
12. Explain the process for Applying Noise Reduction.   (5)

OR

Discuss "Diagnostics Effects". (5)

****