



BRAINWARE UNIVERSITY

ODD Semester Examinations 2021- 22

Programme – Bachelor of Science (Honours) in Media Science & Journalism - 2020 [B.Sc.(MSJ)-Hons]

Course Name – Sound Basics and Editing

Course Code – GEMM301

(Semester III)

Time allotted : 1 Hour 15 Minutes

Full Marks : 60

(Multiple choice type question)

60 x 1 = 60

Choose the correct alternative from the following

- (I) _____ is the number of samples of audio sampled per second, measured in Hz or kHz.
- | | |
|---------------|----------------|
| A) Bit Depth | B) Sample Rate |
| C) Wavelength | D) Time Period |
- (II) 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 |
- (III) CODEC stands for:
- | | |
|--------------------------------|-------------------------|
| A) Coding - Decoding | B) Compression Deciding |
| C) Compression - Decompression | D) None |
- (IV) 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 |
- (V) 20 Hz to 20000 Hz is the _____.
- | | |
|------------------------|------------------------|
| A) Ultrasonic Sound | B) Infrasonic Sound |
| C) Human Audible range | D) Bat's audible range |
- (VI) Bit depth affects:
- | | |
|-------------------------------|----------------------------|
| A) The Dynamic Range of Sound | B) Band width of the Audio |
| C) Sample Rate of Audio | D) Playback speed of Audio |
- (VII) 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) AM stands for _____
- | | |
|---------------------------|---------------------|
| A) Amplitude Manipulation | B) Amplitude Motion |
| C) Amplitude Modulation | D) None |
- (IX) _____ is the process used to determine the average power output of the speakers over a long period of time.
- | | |
|--------|---------|
| A) RMS | B) SMS |
| C) MMS | D) None |
- (X) Pro Tools is a digital audio workstation developed and released by _____.
- | | |
|--------------------|----------|
| A) Sony | B) Apple |
| C) Avid Technology | D) None |
- (XI) What is the term for a region of high air pressure in a sound wave?
- | | |
|----------------|----------------|
| A) Compression | B) Rarefaction |
| C) Intonation | D) Dissonance |

(XII) _____ is the interdisciplinary science that deals with the study of mechanical waves in gases, liquids, and solids including vibration, sound, ultrasound and infrasound.

- A) Sound Editing
- B) Sound Designing
- C) Acoustics
- D) None

(XIII) .mp3 is the short form of :

- A) MPEG Layer III Audio
- B) Matroska Audio 3
- C) Media Player III
- D) None

(XIV) Which Sound Editing software was previously known as Cool Edit Pro?

- A) Pro tools
- B) Audition
- C) Edit FX
- D) Soud Forge

(XV) _____ travels faster than the speed of sound.

- A) Subsonic objects
- B) Super sonic objects
- C) Infrasonic
- D) Ultrasonic

(XVI) The term for something that continues to vibrate at a specific frequency.

- A) Translucence
- B) Luminance
- C) Ambience
- D) Resonance

(XVII) Which of the following professional creates the realistic ambient sounds for film and video productions?

- A) Sound Engineer
- B) Sound Editor
- C) Dubbing Artist
- D) Foley Artist

(XVIII) _____ indicates the number of digital snapshots taken of an audio signal per second.

- A) Bit Depth
- B) Frequency
- C) Wavelength
- D) Sample Rate

(XIX) The audio re-recording is also called _____.

- A) Voice recording
- B) Dialogue
- C) Dubbing
- D) None of them

(XX) Wet sound is a _____.

- A) Un-processed sound
- B) Processed sound
- C) Underwater sound
- D) None

(XXI) Songs for a film are recorded _____.

- A) Prior to shooting
- B) During shooting
- C) After shooting
- D) None

(XXII) ADC is the short form of :

- A) Analog to Digital Converter
- B) Analog to Differential Converter
- C) Application to Digital Converter
- D) None

(XXIII) Sometimes a sound overshadows another sound in such a way that we cannot hear the second sound. What is it called?

- A) Sampling
- B) Over Shadow
- C) Mixing
- D) Masking

(XXIV) Which term refers to the substance through which sound travels?

- A) Medium
- B) Solid
- C) Vacuum
- D) Space

(XXV) In ADPCM, 'A' stands for :

- A) Additive
- B) Adaptive
- C) Audible
- D) None

(XXVI) Which of the following statement is correct?

- A) Stereophonic sound is a method of sound reproduction that creates an illusion of multi-directional audible perspective.
- B) Monophonic sound is a method of sound reproduction that creates an illusion of multi-directional audible perspective.

C) Both Stereophonic sound is a method of sound reproduction that creates an illusion of multi-directional audible perspective. And Monophonic sound is a method of sound reproduction that creates an illusion of multi-directional audible perspective.

(XXVII) Bit rate is commonly measured in:

- A) bps
- B) .bpm
- C) .Hz
- D) .mHz

(XXVIII) _____ is a device used for converting Electrical Signal into Acoustic Energy.

- A) Microphone
- B) Loud Speaker
- C) Mixer
- D) Grinder

(XXIX) Which of the following is not Sound editing software?

- A) Adobe Addition
- B) Nuendo
- C) Sound Forge
- D) Pro Tools

(XXX) Which of the following is true about Channel?

- A) We can Pan Sound in Mono Channel
- B) We cannot Pan Sound in Stereo Channel
- C) We can Pan Sound in Stereo Channel
- D) We can Pan Sound in both Mono and Stereo Channel

(XXXI) What is 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

(XXXII) _____ is an 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

(XXXIII) _____ records the changes in recorded signal's amplitude over the duration of recording.

- A) Audio Waveform
- B) Audio Spectrum
- C) Audio Wave
- D) None

(XXXIV) RMS stands for:

- A) Root Mean Square
- B) Real Media Sound
- C) Root Millimeter Square
- D) Right Millimeter Square

(XXXV) Who was awarded the first patent for the Microphone?

- A) David Edward Hughes
- B) Emile Berliner
- C) Thomas Edison
- D) All of them

(XXXVI) _____ is the specialist who mixes all the audio tracks supplied by the Dubbing Editor.

- A) Dubbing Artist
- B) Foley Artisit
- C) Sound Editor
- D) None

(XXXVII) Monophonic Sound has _____ number of channels.

- A) 1
- B) 2
- C) 3
- D) 5

(XXXVIII) Which of the following statement is incorrect?

- A) In Digital Audio editing data can be cloned without loss of quality.
- B) In Analogue Audio editing data cannot be cloned without loss of quality.
- C) In Digital Audio editing data cannot be cloned without loss of quality.
- D) In Analogue Audio editing data can be cloned but with loss of quality.

(XXXIX) Stereophonic Sound has _____ number of channels.

- A) 1
- B) 2
- C) 3
- D) 5

(XL) Ultrasonic Sound is the Sound that is above:

- A) 20 MHz
- B) 20 GHz

C) 20 Hz

D) None

(XLI) _____ is the final step of audio post-production.

A) Fostering

B) Designing

C) Mastering

D) None

(XLII) A mid-range speaker is a loudspeaker driver that reproduces a band of frequencies generally between:

A) 11–16 kHz

B) 1–6 kHz

C) 1–16 kHz

D) 1–6 mHz

(XLIII) _____ is defined as 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

(XLIV) Quantization using 16 Bit results in _____ possible Amplitude levels.

A) 256

B) 65536

C) 44100

D) None

(XLV) Shotgun Microphone is a _____ type of Microphone.

A) Unidirectional

B) Omnidirectional

C) Angular

D) Bidirectional

(XLVI) A Tweeter reproduces _____.

A) High frequencies

B) Mid frequencies

C) Low frequencies

D) None of these

(XLVII) _____ is a device used for converting Acoustic Energy into Electrical Signal.

A) Microphone

B) Loud Speaker

C) Mixer

D) Grinder

(XLVIII) The audio advertisement comprising of dialogues is called:

A) Jingle

B) Spot

C) Mingle

D) None

(XLIX) Particle to particle interaction which causes sound waves to travel from one location to another is also known as _____

A) Evacuation

B) Isolation

C) Propagation

D) Refraction

(L) Which of the following Microphone is made for recording sound from Solid medium?

A) Lavalier

B) Contact

C) Shotgun

D) None

(LI) Speeds greater than five times the speed of Sound are called _____

A) Super-sonic

B) Sub-sonic

C) Hyper-sonic

D) Penta-sonic

(LII) In ADPCM, 'D' stands for :

A) Differential

B) Directional

C) Derived

D) Denotative

(LIII) What is the full form of PCM?

A) Pulse Code Modification

B) Pulse Control Modification

C) Pulse Code Modulation

D) Pulse Control Modulation

(LIV) Which of the following is a Sound editing technique?

A) Fade and Cross-fade.

B) Pitch correction.

C) None of these.

D) Both Fade and Cross-fade. and Pitch correction.

(LV) This red indicator at the top of the Timeline that moves as an audio is played to indicate the current time is called _____.

A) Frequency Meter

B) Level Meter

C) Envelope

D) Current Time Indicator

(LVI) Infrasonic Sound is used for detecting.

- A) Seismic forecasting
- B) Medical diagnostics
- C) Playing Music
- D) Rainfall forecasting

(LVII) Which of the following Microphone is made for hands free operations?

- A) Lavalier
- B) Contact
- C) Parabolic
- D) Shotgun

(LVIII) _____ is an 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

(LIX) Woofer is an audio driver that generates:

- A) High frequencies of sound
- B) Mid frequencies of sound
- C) Low frequencies of sound
- D) None

(LX) Which of the following is a Lossy Audio format?

- A) .aac
- B) .wav
- C) .mp4
- D) None