**UNIT 3: MULTIMEDIA**

**EXERCISE 1:**

A = Select

B = Eraser

E = Air Brush

G = Rectangle

I = Select

J = Color Fill

M = Text

N = Curve

O = Polygon

**Exercise 2 :**

1. Speakers
2. Projector
3. Headphones
4. Virtual reality goggles
5. Microphone
6. Video camera
7. Webcam

**Exercise 3**

1. MP3 stands for the MPEG Audio Layer 3, with MPEG stands for the Motion Pictures Experts Group
2. The difference between MP3 and WAV files is that MP3 files are much smaller in size compared to WAV files. An MP3 file can store a minute of sound megabyte, while a WAV file needs 11 or 12 megabytes to hold the same amount of audio data.This compression is achieved by removing sounds that most people can’t hear, making MP3 files more space-efficient but potentially of slightly lower audio quality compared to WAV files.
3. MP3 strips out sounds that most people can't hear, including notes above a frequency of 16kHz and quiet sounds masked by noise at the same frequency. This reduction in high-frequency and less noticeable audio components results in smaller file sizes.
4. MP3 files can include information in a coded block called a "tag." This tag may contain various details about the audio track, such as the performer's name, album cover graphics, song lyrics, musical genre, and a URL for more information. These tags provide metadata for organizing and identifying the audio file's content.

**EXERCISE 4**

1. Consoles
2. Multi player
3. Graphics
4. Interactive
5. Video games

**Exercise 5**

1. 1+2 after the text is typed using a word processor, it is edited.
2. 2+3 before the text is edited, it is spellcheck.
3. 3+4 after the text is spellchecked, line drawings are made using a graphics package.
4. 5+6 after photographs are scanned with a scanner, the first draft is completed.
5. 6+7 when the first draft is completed, it is transferred to a page-make up program.
6. 8+9 Text and graphics are adjusted on screen until they all fit together.
7. 9+10 after text and graphics are fit together, the finished document is printed on a laser printer

**Exercise 6**

1. After
2. Before
3. Before
4. After
5. After
6. Before

**Exercise 8:**

1. Active: We update the company website frequently.

Passive: The company website *is updated* frequently.

1. Active: Over 300,000 students take the online college entrance exam every year.

Passive: The online college entrance exam is taken by over 300,000 students every year.

1. Active: A company in Korea manufactures this computer parts.

Passive: The computer parts are manufactured by a Company in Korea

1. Active: You need to open your student account first to do the online final test.

Passive: The online final test needs to be done by you after your student account is opened first.

1. Active: Andrea learns Python language programming this semester.

Passive: Phython Language programming is learned by Andrea this semester