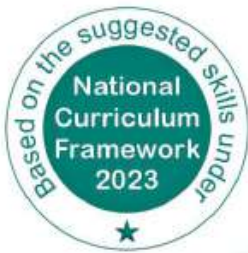


# Code AI Plus

**Windows 10 with Office 2019**

*Also compatible with Office 2016*



- Artificial Intelligence
- Animated Life Skills
- Coding
- Computational Thinking
- Experiential Learning
- Multidisciplinary Approach
- Subject Integration
- Art Integration
- Skill Formation
- Linked with SDGs



## Answer Key



# 1

## OpenShot Video Editor

Page No. 17

### SELF-EVALUATION

#### A. Tick (✓) the correct answer.

1. (b) .osp                      2. (b) Tracks                      3. (a) Transition
4. (a) Reverse                      5. (c) Progress bar

#### B. Write 'T' for True and 'F' for False statements.

1. False                      2. True                      3. False                      4. False
5. False

#### C. Fill in the blanks.

1. Tracks                      2. Zoom slider                      3. Ruler                      4. Filter box
5. Text

#### D. Differentiate between the following.

1. Transition Effect and Visual Effect

Transition Effect	Visual Effect
It is a visual effect that appears when our movie plays from one video clip or picture to the next. It gradually fades while moving	It enhances the appearance of our movie and gives it a feel of professional touch.

#### E. Answer in 1-2 sentences.

1. OpenShot is an open-source video editor software. It is available for all platforms like Windows, Linux, and Mac.
2. Timeline is used to look at the sequence or ordering of the clips in our project. It also shows video effects that have been added in the project.

3. Preview window enables us to view the entire edited video. We can use the buttons underneath this window to play, pause, rewind, forward, move to end or begin the video.

#### **F. Answer briefly.**

1. The steps are-
  - a. Click on Import Files button.
  - b. Navigate the folder from which we want to add audio/ video.
  - c. Select the audio/video file that we require.
  - d. Click on Open
2. The steps to apply transition effects to the clip or image are-
  - a. Click on Transitions tab.
  - b. Click on the desired transition effect.
  - c. Drag the transition effect on the timeline and position it on the top of the clip.
  - d. Click and drag the side of the blue Transition box to change the duration of the effect.
  - e. Click on Play button to see the effect.

#### **G. Application-based Question**

He should use Title option to add his brother's name.

## Chapter – 1 [OpenShot Video Editor]

### Worksheet - 1

**Q1. Put your knowledge to the test by choosing the right option:**

1. What is OpenShot Video Editor?

- a. Closed-source video editor
- b. Open-source video editor
- c. Paid video editing software
- d. Online video editing platform

2. What does non-linear editing mean in OpenShot?

- a. Original files are modified directly.
- b. Original files are stored separately for editing.
- c. Only one movie can be created from a source file.
- d. Edits are applied directly to the source file.

3. What does the Timeline in OpenShot represent?

- 0a. Video effects applied
- b. Ordering of clips in the project
- c. Original file locations
- d. Available transitions

4. How can you add images, videos, and audio to OpenShot?

- a. Import Files [ ] button
- b. Open Project
- c. Drag and Drop from File Explorer
- d. All of the above

5. What is the purpose of the Preview window in OpenShot?

- a. Displaying project files
- b. Previewing the entire edited video
- c. Adjusting time-scale
- d. Adding visual effects

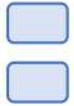
  
  
  

6. Which tab is used to add transitions in OpenShot?

- a. Title
- b. Effects

c. Transitions

d. Emojis



**Q2. Fill in the blanks:**

1. To work in OpenShot, you need to add \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.
2. The \_\_\_\_\_ shows the time-scale of the video in OpenShot.
3. \_\_\_\_\_ are used to layer videos and images in OpenShot.
4. You can change the direction of transition effects in OpenShot by right-clicking on the blue transition box and selecting \_\_\_\_\_.
5. There are nearly \_\_\_\_\_ emojis integrated into OpenShot for various video editing projects.

PMP

## Chapter – 1 [OpenShot Video Editor]

### Worksheet - 2

#### **Q1. Write one-word answers.**

1. What does the Title Bar show in OpenShot? \_\_\_\_\_
2. What is the purpose of the Transitions tab in OpenShot? \_\_\_\_\_
3. What file format does OpenShot save projects in by default? \_\_\_\_\_
4. What does the Play Head represent in OpenShot? \_\_\_\_\_
5. How do you add files to the OpenShot timeline? \_\_\_\_\_

#### **Q2. Write 'T' for true and 'F' for false statements:**

1. OpenShot Video Editor is available only for Windows.
2. The original files in OpenShot are directly modified when editing.
3. The Preview window in OpenShot is used for adding visual effects.
4. OpenShot allows the addition of text to videos, such as titles and captions.
5. The exported OpenShot project file has a .osp extension.

## Chapter – 1 [OpenShot Video Editor]

### Worksheet - 3

#### **Q1. Match the following.**

- |                   |                                                             |
|-------------------|-------------------------------------------------------------|
| 1. Title Bar      | a. Contains options like File, Edit, Title, View, and Help. |
| 2. Menu Bar       | b. Displays the name of the project                         |
| 3. Main Toolbar   | c. Enables you to view the entire edited video.             |
| 4. Filter Box     | d. Buttons for opening, saving, and exporting the video     |
| 5. Preview Window | e. Used to filter the list of items in the project.         |

#### **Q2. Answer the following questions:**

1. What is OpenShot Video Editor, and what platforms is it available for?

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2. Explain the concept of non-linear editing in OpenShot. Why is it beneficial for users?

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.....

3. What is the purpose of timeline in OpenShot, and how can you add files to it.

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4. Describe the process of resizing or trimming a video clip in OpenShot.

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5. Explain the steps to add transitions between video clips in OpenShot.

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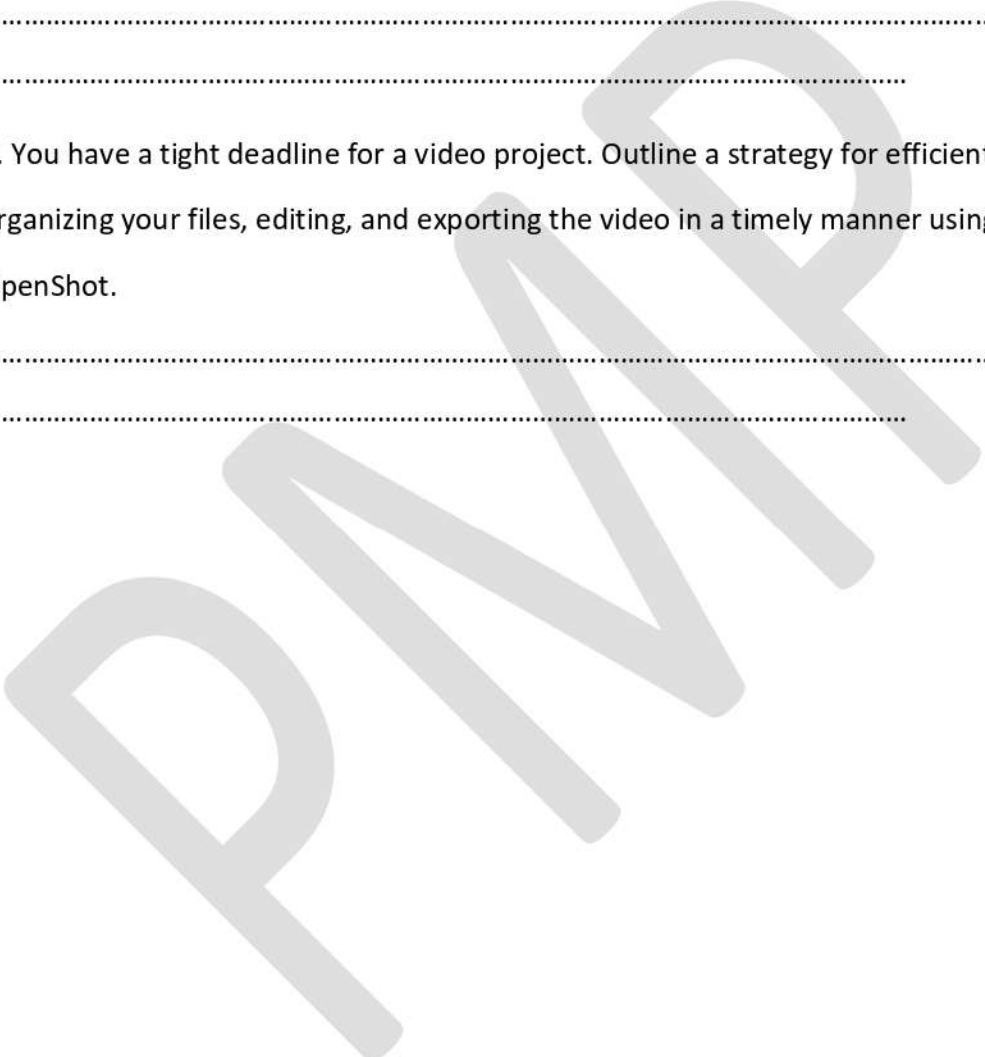
**Q3. Application-based question:**

1. Imagine you have a collection of photos from a recent event. Describe the step-by-step process of using OpenShot to create a video slideshow with background music.

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.....

2. You have a tight deadline for a video project. Outline a strategy for efficiently organizing your files, editing, and exporting the video in a timely manner using OpenShot.

.....  
.....



## Worksheet – 01

**Q1. Put your knowledge to the test by choosing the right option:**

1. b      2. b      3. b      4. a      5. b      6. c

**Q2: Fill in the boxes**

1. Photos, videos, audios      2. Ruler      3. Tracks      4. Reverse transition  
5. 1000

## Worksheet – 02

**Q1. Write one-word answers.**

1. Title bar shows the name of the displayed project.
2. Transition tab is used for visual effect on pictures or video clips.
3. OpenShot saves file with .osp file extension.
4. Play Head represents the current playback position.
5. Import selected files or clips and then add to the timeline by dragging.

**Q2. Write 'T' for true and 'F' for false statements:**

1. F      2. F      3. F      4. T      5. T

## Worksheet – 03

**Q1. Match the following.**

1. b      2. a      3. d      4. e      5. c

## **Q.2 Answer the following questions:**

1. OpenShot is an open-source video editor software. It is available for all platforms like Windows, Linux and Mac.
2. OpenShot is non-linear editing software, which means that the original file that was taken from your hard drive will not be modified in any way. It creates its own different video file for editing so that if you want, you can create several different movies using the same source file.
3. After you have imported selected files or clips, the next step is adding them to the timeline and arranging them. You can drag a clip at any position on the timeline. Multiple clips can be dragged on different tracks on the timeline.
4. OpenShot allows you to resize or trim your movie clip to remove unwanted sections from your clip.

1. Right-click on any clip on Project Files area that you want to resize.
2. Click on Split Clip (or press Ctrl+X).

Split Clip box appears.

3. Drag the slider to select the starting point of the clip.
  4. Click on Start to set the start of the clip.
  5. Drag the slider from left to right to select the ending point of the clip.
  6. Click on End to set the end of the clip.
  7. Click on Create button to resize the clip.
5. The steps are-
- a. Click on Transition tab.
  - b. Click on the desired transition effect.
  - c. Drag the transition effect on the timeline and position it on the top of the clip.
  - d. Click and drag the side of blue transition box to change the duration of the effect.
  - e. Click on Play button to see the effect.

## **Q3. Application-based question:**

1. The steps are-
  - a. Open Openshot program.

- b. Click on File>Import Files
- c. Drag each photo from the Project files area to the timeline.
- d. Drag the music file from the "Project Files" area to an audio track on the timeline and align it with the start of the slideshow.
- e. Trim the music file to match the length of the slideshow by dragging the end of the music clip.
- f. Play the timeline to preview the slideshow with transitions and background music.
- g. Save your project by going to File > Save Project As and choose a location and file name for your project.
- h. Click the red "Export Video" button.

## 2. The steps to strategy for a video project are

- a. Create a project folder with subfolders for videos, photos, audio, and project files.
- b. Open OpenShot and save the project immediately in the project folder.
- c. Import all media files into OpenShot at once and arrange them in the desired sequence.
- d. Trim clips, add necessary transitions, and insert any text or titles.
- e. Add audio and add background music if needed.
- f. Save your project frequently to avoid data loss.
- g. Choose the appropriate export settings for your final video format and resolution.
- h. Once satisfied, export the final version of the video and review it.