

**2023**

**COMPUTER APPLICATION**

**( Vocational )**

**Paper : CAVSE3012**

**( Multimedia Applications )**

Full Marks : 50

Pass Marks : 20

**Time : 2 hours**

*The figures in the margin indicate full marks  
for the questions*

- 1. Choose the correct answer from the following (any five) : 1×5=5**

**(a) What is used to set the starting and ending points of an animation?**

- (i) Key frame**
- (ii) Graphic symbol**
- (iii) Scene**
- (iv) Blank frame**

( 2 )

(b) If an image has a width of 4 inches and an aspect ratio of 3 : 2, then what is its height?

(i) 16/3 inch

(ii) 8/3 inch

(iii) 4/3 inch

(iv) 2/3 inch

(c) \_\_\_\_\_ is a small program embedded inside a GIF image.

(i) Web bug

(ii) Cookie

(iii) Spyware

(iv) Spam

(d) \_\_\_\_\_ is used to reduce the size of multimedia files.

(i) Data coupling

(ii) Data handling

(iii) Data dependency

(iv) Data compression

( ( 3 ) )

(e) Objects on the slide that hold text are called

(i) placeholders

(ii) autolayout

(iii) textholders

(iv) objectholders

(f) \_\_\_\_\_ audio/video refers to on demand requests for compressed audio/video files.

(i) Streaming live

(ii) Interactive

(iii) Streaming stored

(iv) Mixing

(g) The text colour in a presentation should contrast with the \_\_\_\_\_ color.

(i) buffer

(ii) frame

(iii) stack

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(h) A smaller version of an image is called a

- (i) clipart
- (ii) bitmap
- (iii) portable network graphic
- (iv) thumbnail

(i) A \_\_\_\_\_ displays a list of commands and usually appears in the toolbar at the top of the screen.

- (i) view
- (ii) menu
- (iii) kit
- (iv) list

(j) A video consists of a sequence of

- (i) frames
- (ii) signals
- (iii) packets
- (iv) slots

2. Answer any *five* of the following questions :  
2×5=10

- (a) What are the uses of MIDI files?
- (b) How can multimedia be used in business?
- (c) What are hypertext and hypermedia?
- (d) Differentiate between CD and DVD.
- (e) Name various elements of multimedia.
- (f) Name various sound file formats.
- (g) Define OCR.

3. Answer any *five* of the following questions :  
5×5=25

- (a) What are authoring tools? Explain various authoring programmes.
- (b) Explain rendering of images.
- (c) Explain any five image file formats.
- (d) Write down the steps to import sound in flash.

- (e) Write a short note on color palletes.
- (f) Write the difference between vector graphics and raster graphics.
- (g) What do you mean by cropping? What are the steps to crop an image?
- (h) Explain different steps of story-boarding.
- (i) Explain font designing tools.

4. Answer any *one* of the following questions : 10

- (a) Explain various stages of multimedia project.
- (b) Describe video shooting and editing.
- (c) Explain about animation techniques.

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