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Reg. No. :

Code No. : 20421 E Sub. Code : SECA5D

B.C.A. (CBCS) DEGREE EXAMINATION,
NOVEMBER 2021.

Fifth Semester

Computer Application

Major Elective — MULTIMEDIA

(For those who joined in July 2017-2019)

Time : Three hours

Maximum : 75 marks

PART A — ($10 \times 1 = 10$ marks)

Answer ALL questions.

Choose the correct answer :

1. Which one of the following is the characteristic of a multimedia system?
(a) High storage (b) High data rates
(c) Both (a) and (b) (d) High volume
2. _____ refers to content that uses a combination of different content forms.
(a) Animation (b) Multimedia
(c) Flash (d) Editing

3. Graphics make the multimedia application _____.
- (a) attractive (b) easy
(c) redundant (d) moving
4. _____ is used to compress video.
- (a) MPEG (b) JPEG
(c) either (a) or (b) (d) both (a) and (b)
5. The _____ file format is a method of encoding pictures on a computer.
- (a) HTML (b) URL
(c) JPEG (d) DOC
6. What does MIDI stand for?
- (a) Musical Internet Digital Interface
(b) Musical Internet Digital Interrupt
(c) Musical Instrument Digital Interface
(d) Musical Instrument Download Interface

7. Which company developed the Quick Time format?
- (a) Microsoft
 - (b) Juniper
 - (c) Apple
 - (d) Silicon Graphics
8. Which of the following is a technique to blend two or more images to form a new image?
- (a) Modeling
 - (b) Morphing
 - (c) Animating
 - (d) Warping
9. A _____ is a collection of characters of a single size.
- (a) font
 - (b) styles
 - (c) typeface
 - (d) attributes
10. _____ is the process through which colors are changed to meet the closest available color based on the available palette.
- (a) Flashing
 - (b) Vectoring
 - (c) Tethering
 - (d) Dithering

PART B — ($5 \times 5 = 25$ marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) Write down the applications of Multimedia.

Or

- (b) Discuss about the common components of multimedia.

12. (a) Explain about Multimedia Building Blocks.

Or

- (b) Why multimedia is used? Explain.

13. (a) Discuss about elements of Text.

Or

- (b) Illustrate images for multimedia use.

14. (a) List down the characteristics of sound and Digital audio.

Or

- (b) Write the three basic characteristics of digital video.

15. (a) Explain about authoring and delivery tools.

Or

- (b) Discuss about the function of authoring software.

PART C — ($5 \times 8 = 40$ marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Analyze the stages of multimedia production.

Or

- (b) Discuss about the major uses of Multimedia.

17. (a) Explain about the Planning for the Production of a Multimedia Application.

Or

- (b) Describe about the structure of Multimedia Application.

18. (a) Give an overview about Graphics File and Application Formats.

Or

- (b) Discuss about text in Multimedia Applications.

19. (a) Briefly explain about video capture system process.

Or

- (b) Describe about sound editing techniques.

20. (a) Illustrate about Macromedia Director.

Or

- (b) Analyze the selecting the right authoring paradigm.
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