(6 pages)

Reg. No. : ....

Code No. : 10339 E   Sub. Code : ASCS 41

B.Sc. (CBCS) DEGREE EXAMINATION,
APRIL 2023

Fourth Semester

Computer Science — Skill Based Subject

MULTIMEDIA APPLICATIONS

(For those who joined in July 2020 only)

Time : Three hours   Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. The people who weave multimedia into meaningful tapes tries are multimedia _____

   (a) enduser

   (b) developer

   (c) Both (a) and (b)

   (d) None

2. Woven combination of text, graphic art, sound, animation, video elements is described _____

   (a) Multimedia

   (b) System Architecture

   (c) Cloud

   (d) None

3. Still images are generated by the computer in the following ways _____

   (a) Bitmaps

   (b) Vector-drawn

   (c) Both (a) and (b)

   (d) None

4. Windows uses device independent _____ image file formats.

   (a) PICT   (b) Pdf

   (c) Bitmaps   (d) None

5. _____ is a popular effect in which one image transforms into another.

   (a) Kinematics   (b) Morphing

   (c) Both (a) and (b) (d) None

6. SECAM stands for _____

   (a) Sequential Color and Memory

   (b) Search Color and Main Memory

   (c) Sequential Color Access Memory

   (d) None

7. A _____ movie may require many hours of editing and tweaking before it works in sync with other screen activities.

   (a) Quick Time   (b) MPEG

   (c) Either (a) or (b)   (d) None

8. What are the elements that can vary in project estimates? _____

   (a) Time   (b) Money

   (c) People   (d) All the above

9. Users navigate along the branches of a tree structure that is shaped by the natural logic of the content _____

   (a) Linear   (b) Non linear

   (c) Composite   (d) Hierarchical

10. _____ testing is done by real users who will be a actually using the software.

    (a) Beta   (b) Alpha

    (c) Both (a) and (b)   (d) None

PART B — (5 × 5 = 25 marks)

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

Each answer should not exceed 250 words.

11. (a) How to use multimedia in Business?

    Or

    (b) What do you mean by Fontographer?

12. (a) How to prepare Digital Audio files?

    Or

    (b) What is vaughan's Law of multimedia minimum?

13. (a) Describe the power of motion.

    Or

    (b) What do you mean by morphing?

14. (a) What are the stages involved in multimedia project?

Or

(b) Expand and give a short note on RFP.

15. (a) How to work with clients in producing multimedia project?

Or

(b) Differentiate Alpha versus Beta Testing.

PART C — (5 × 8 = 40 marks)

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

Each answer should not exceed 600 words.

16. (a) How to use Text in multimedia?

Or

(b) What are Hypermedia and Hypertext? Explain it in detail.

17. (a) What is vaughan's Law of multimedia minimums? How to add adding sound to multimedia project?

Or

(b) What is multimedia system sounds? What are the different types of Audio file formats available? Explain.

18. (a) How to make animation that work in proper way? Explain.

Or

(b) Explain video compression and optimizing video files for CD-ROM in detail.

19. (a) What are the different types of multimedia authoring tools available? Explain each one of them.

Or

(b) Write short note on the following in Multimedia project planning.

(i) Multimedia process of making

(ii) Scheduling

20. (a) How to design and build a multimedia project?

Or

(b) How to acquire content? Give a brief note on ownership of content created for project.