

NOVEMBER 2023

51340/SU45B

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. Mention the advantages of multimedia.
2. Define the term "DVD".
3. Write a note on multimedia software.
4. What do you mean by MP3?
5. State the uses of sound cards in multimedia.
6. What is multimedia audio?
7. Show the fundamentals of computer animation.
8. What are the purposes of digital video?
9. Give the example for morphing in multimedia animation.
10. Comment on kinematics.
11. List out the advantages of digital broadcasting.
12. Define: "Digital Radio".

III BCA \Rightarrow Multimedia and its Application

PART B — (5 × 5 = 25 marks)

Answer any FIVE questions.

13. Describe the CD-ROM technology in multimedia.
14. What are the difference between MIDI and digital audio? Explain.
15. Enumerate importance of text in a multimedia presentation.
16. Summarize the different types of file formats of digital image.
17. Explain the multimedia skills needed to successfully manage a project team.
18. Point out the animation software tools and techniques.
19. Elaborate digital communication and new media.
22. Outline the steps to scanning and digital photography.
23. Evaluate the digital video production and editing techniques.
24. Determine the planning and costing in multimedia projects.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

20. Illustrate the hardware peripherals used for multimedia system.
21. Discuss the audio file formats used in multimedia projects.