

1278

April 2025

Time - Three hours
(Maximum Marks: 100)

- [N.B. 1. Answer all questions under Part-A. Each question carries 3 marks.
2. Answer all the questions either (a) or (b) in Part-B. Each question carries 14 marks.]

PART - A

1. Define hypermedia document.
2. Compare live video and full motion video.
3. List the characteristics of digital video.
4. Compare MIDI and digital audio.
5. State the need for data compression.
6. List the data types supported by multimedia database.
7. Define video frame grabber.
8. What is tracking?
9. List out any three services provided by internet.
10. Define web-casting.

[Turn over.....]

PART - B

11. (a) (i) Discuss the applications of multimedia. (7)
(ii) Discuss the multimedia workstation architecture. (7)

(Or)

- (b) Describe about various evolving technologies of multimedia.

12. (a) Discuss about obtaining video clips, shooting and editing a video.

(Or)

- (b) Explain the applications of text in multimedia.

13. (a) Discuss about JPEG, MPEG and fractal compression.

(Or)

- (b) Describe about multimedia storage and retrieval methods.

14. (a) Discuss about various types of authoring tools.

(Or)

- (b) Describe the roles of different team members in multimedia development.

15. (a) Describe the different ways of using text in web pages with examples.

(Or)

- (b) Discuss about the architecture of streaming.
