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April 2023

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 multimedia. List its applications.

2.   What are open source tools?

3.   Write notes on analog video.

4.   What is animated text?

5.   List some lossy and non – lossy compression standards.

6.   Write about RTF.

7.   List some multimedia input/output devices.

8.   Brief about multimedia hardware.

9.   List down the important services provided by internet.

10.   How sound is embedded in a web document?

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PART – B

11. (a) (i) Describe the elements of multimedia.(7)
    (ii) Explain multimedia data interface standards.(7)

    (Or)

    (b) (i) Discuss about network architecture for multimedia system.(7)
    (ii) Write about open source replacements.(7)

12. (a) (i) Explain how to do shooting and editing of video.(7)
    (ii) Explain computer animation techniques.(7)

    (Or)

    (b) Explain the applications of text in multimedia.

13. (a) Explain about color layout and texture layout of C–BRID.

    (Or)

    (b) (i) What is compression? Write the algorithm to compress a movie file.(7)
    (ii) Explain TWAIN architecture.(7)

14. (a) (i) Explain the function of dye sublimation printer.(7)
    (ii) Explain the various 3D modeling and animation tools with example.(7)

    (Or)

    (b) Explain about various multimedia software tools with example.

15. (a) Explain the different ways of using text in web pages with example.

    (Or)

    (b) Explain about steaming architecture.