



KJ-1257

BCA (Part - III)
Term End Examination, 2020

COMPUTER SCIENCE

Paper - VII

Multimedia Tools and Application

Time : Three Hours] [*Maximum Marks* : 50

Note : Answer any **two** parts from each question. All questions carry equal marks.

Unit-I

1. (a) What is Multimedia? Explain the importance of graphics and area of use in Multimedia.
- (b) Write the difference between Vector graphics and Raster graphics.
- (c) What is Image? Explain its types with examples.

(2)

Unit-II

2. (a) Write step by step procedure to create a simple animation using flash.
- (b) Explain digital sound sampling.
- (c) Explain Animation. Write the principle and use of Animation in multimedia.

Unit-III

3. (a) Explain any two video compression techniques.
- (b) Write short notes on the following :
 - (i) DVCAM
 - (ii) HDTV
- (c) Write the difference between Interlacing and Non-interlacing.

Unit-IV

4. (a) What is Multimedia authoring tools ? Explain the types of Multimedia authoring tools.
- (b) What are the stages in designing and producing multimedia products for CD ?
- (c) What is Testing ? Explain the types of testing of product.

(3)

Unit-V

5. (a) Explain dynamic and embedded font technology.
- (b) Explain Real video.
- (c) Explain Interlaced model.
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