

No. of Printed Pages : 3

Roll No.

ED-2877

B.C.A. (Part-III)

EXAMINATION, 2021

MULTIMEDIA TOOLS AND APPLICATIONS

(Paper Seventh)

Time : Three Hours

Maximum Marks : 50

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

Unit-1

1. (a) Explain text element of multimedia with RTF and HTML text and also describe conversion of various text formats.
- (b) Describe various attributes of image and explain vector and Raster graphics with example.
- (c) Mention any four image file format with their features and limitations.

ED-2877

[2]

Unit-2

2. (a) Define sound attributes and its effect in multimedia. Write features of some sound file format.
- (b) Explain the use of animation and its principal. What are the effect of resolutions, pixel depth and image size on quality of any animation ?
- (c) Write short notes on the following :
 - (i) Create animation for the Web.
 - (ii) 3-D Studio.

Unit-3

3. (a) What do you understand by NTSC, PAL, SECAM ?
- (b) Explain digital video compression technique and briefly describe AVI and MPEG.
- (c) Write short notes on the following :
 - (i) Interlacing and Non Interlacing.
 - (ii) Analog and Digital Video.

Unit-4

4. (a) Give details of all types of multimedia authoring tool.
- (b) Differentiate the format of CD's and DVD's.
- (c) Explain the planning and distribution of a multimedia project.

[3]

ED-2877

Unit-5

5. (a) Discuss the virtual reality on the Web and Streaming Video.
- (b) Write short notes on Dynamic and embedded font technology.
- (c) Write short notes on the following :
- (i) Broadband Technology
 - (ii) Audio on the Web.