

Roll No. ....

**DD-2877**

**B. C. A. (Part III) EXAMINATION, 2020**

Paper Seventh

MULTIMEDIA TOOLS AND APPLICATIONS

*Time : Three Hours*

*Maximum Marks : 50*

*Minimum Pass Marks : 20*

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

**Unit—I**

1. (a) What is Multimedia ? State and explain basic components of multimedia.
- (b) Explain various image file formats.
- (c) Write notes on the following :
  - (i) Font editing tools
  - (ii) OLE concept

**Unit—II**

2. (a) What are the different sound standards on PC ? Write steps of capturing and editing sounds on PC.
- (b) What is Animation ? Write principles and applications of animation.

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- (c) Write notes on the following :
  - (i) Analog vs. Digital Sound
  - (ii) 2D and 3D Animation

**Unit—III**

3. (a) Write a brief note on various video standards.
- (b) Explain different video file formats.
- (c) Write notes on the following :
  - (i) Interlacing and Non-interlacing
  - (ii) Graphics Accelerator Card

**Unit—IV**

4. (a) Explain planning and distribution of multimedia projects.
- (b) Describe the differences between the formats of CD's and DVD's according to its characteristics.
- (c) Write notes on the following :
  - (i) Testing of multimedia products
  - (ii) Types of multimedia authoring tools

**Unit—V**

5. (a) Explain dynamic and embedded font technology in context of text in web.
- (b) Describe audio support and graphics support in HTML.
- (c) Write notes on the following :
  - (i) Real Video and Streaming Video
  - (ii) Virtual Reality

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