



LJ-1257

BCA (Part-III)
Term End Examination, 2021

Paper - VII

Multimedia Tools and Applications

Time : Three Hours]

[*Maximum Marks* : 50

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

Unit-I

1. (a) Explain various components of multimedia with suitable examples.
- (b) What are the basics for font design? Explain.
- (c) Write the importance of graphics in multimedia. Describe how vector and raster graphics are different?

(2)

Unit-II

2. (a) Describe sound effects in multimedia.
- (b) Explain the following :
 - (i) Pixel depth
 - (ii) 3D animation technique
- (c) Write steps to create a simple animation files using flash.

Unit-III

3. (a) Write short note on DirectX.
- (b) What is Graphic Accelerator Card ? Write its characteristics.
- (c) What do you understand by Video Editing ? Describe the functions of quick time movie maker tool.

Unit-IV

4. (a) Briefly discuss members of multimedia development team and their skill requirements.
- (b) Discuss various formats of CD and DVD.
- (c) Explain the planning and distribution of multimedia project.

(3)

Unit-V

5. (a) What do you understand by MPEG and SMIL ? Explain in brief.
- (b) What are the various types of Virtual Reality ? What equipments do you need to create a virtual reality system ?
- (c) How do you perform image map in HTML ? Describe how do you insert an audio clip in a web page.
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