

Roll No.

Y-2107

B. C. A. (Part III) EXAMINATION, 2015

Paper Seventh

MULTIMEDIA TOOLS AND APPLICATION

Time : Three Hours]

[Maximum Marks : 50

[Minimum Pass Marks : 20

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

Unit—I

1. (a) What is Multimedia ? State and explain the basic components of multimedia.
- (b) Explain the working of OLE concept in multimedia.
- (c) Explain features and limitations of any *five* image file formats.

Unit—II

2. (a) What do you understand by Digital Sound ? Explain WAV and MP3 sound file format.
- (b) Explain how to create a simple animation using flash.

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- (c) What is animation ? Write principle and applications of animation.

Unit—III

3. (a) Differentiate between analog and digital video. Write a brief note on digitization of analog and digital video.
- (b) What do you understand by video editing ? Describe the functions of quick time movie maker tool.
- (c) Explain various video standards.

Unit—IV

4. (a) What are the key factors in selecting CD based multimedia authoring tools ?
- (b) Explain testing and distribution of multimedia product.
- (c) What are the common major formats of CDs and DVDs ? What are the skills required for multimedia development team ?

Unit—V

5. (a) Explain dynamic and embedded font technique with example.
- (b) How do you perform image map in HTML ? How do you insert audio clip in a web page ?
- (c) What is meant by “Streaming Video” ? Write the steps to create streaming videos.