



CCA -- 02

B.C.A. (Semester – VI) Examination, April 2017
MULTIMEDIA TECHNOLOGY

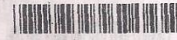
Duration : 2 Hours

Max. Marks : 50

- Instructions :** 1) All questions are **compulsory**.
2) Figures to the **right** indicate **full** marks.

1. A) State **True** or **False** : (5x1=5)
- a) Google SketchUp is a 3D Authoring tool.
 - b) Full form of PNG is Private Network Graphics.
 - c) Flash is a Raster Graphic Software.
 - d) Reverb is a delay effect of sound in multimedia.
 - e) Newspaper is an example of web-based multimedia.
- B) Answer the following in **one** or **two** statements **each** : (5x1=5)
- a) State the difference between Raster Graphic and Vector Graphic Formats.
 - b) Define hypermedia.
 - c) Give any two examples of audio formats.
 - d) What are Frames in video technology ?
 - e) Give two examples of print media.
2. Answer the following :
- A) State any two points of difference between print media and electronic media. 2
 - B) How can graphics be used to enhance multimedia content ? 3
 - C) Define web-based multimedia. Discuss its advantages and disadvantages. 5

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3. Answer the following :
- A) What are Multimedia Authoring tools ? Give any two examples. 2
 - B) Why TIFF file format not suitable for web pages ? 3
 - C) Explain why CMYK color mode is used in printing industry ? 5
4. Answer the following :
- A) What is Equalization and Vocal Remover in audio effects ? 2
 - B) Calculate the size of stereo audio of 360 seconds duration and sampling depth of 16 bit and with a sampling rate of 22.05 Hz. 3
 - C) Explain the .wav file format. 5
5. Answer the following :
- A) Define a video (visual) effect with an example. 2
 - B) What are the advantages of MPEG-4 over SWF file format ? 3
 - C) Define Codec. Discuss interframe and intraframe compression in brief. 5