KN-288

B.C.A. (Part-III) Examination, 2022

MULTIMEDIA TOOLS AND APPLICATIONS

Time Allowed : Three Hours

Maximum Marks : 50

Minimum Pass Marks : 20

Note : Attempt all the five units. One question from each unit is compulsory. All questions carry equal marks.

UNIT-I

Q. 1. What is Vector Graphics and Raster Graphics? Explain in detail with example. **10**

OR

What is Multimedia? Briefly explain the elements of multimedia.

UNIT-II

Q. 2. Explain the various sound file formats on PC - WAV, MP3, MP4. **10**

(2)

OR

Explain the following :

(i) Mono V/s Stereo Sound

(ii) Analog V/s Digital Sound

UNIT-III

Q. 3. Write short notes on : **10**

(i) How to use video on PC.

(ii) Digitization of Analog Video and to Digital Video.

OR

Explain the various video capturing media & instruments.

UNIT-IV

Q. 4. Explain the key factors of selecting CD based multimedia authoring tools in detail. **10**

OR

Explain the multimedia development team & skill requirement.

(3)

UNIT-V

Q. 5. Briefly explain the following :   10

    (i)   Bandwidth relationship

    (ii)   Broadband technologies

OR

    (i)   Audio support in HTML

    (ii)   Graphics support in HTML

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