

*" Do not write anything on question-paper except Roll Number, otherwise it shall be deemed as an act of indulging in unfair means and action shall be taken as per rules."*

Roll No. ....

B.C.A. (III)

1732

Mult. Tools

**B.C.A. Part-III**  
**EXAMINATION - 2021**  
**Paper - II**  
**BCA 302 - Multimedia Tools**

Time Allowed : **Three** Hours

Maximum Marks : **80**

- Note :** 1. Question No. 1 is Compulsory. Attempt any four from the remaining questions.
2. All questions carry equal marks.

1. (a) What is CIF format?  
(b) What is OLE?  
(c) What is sound sampling?  
(d) What is flash?  
(e) Define the NTSC.

2×8=16

- (f) What is streaming video?
  - (g) Define pixel depth
  - (h) Define key frame.
2. (a) What is OLE? 8
- (b) Difference between Raster and Vector graphics. 8
3. (a) Explain development platform of multimedia. 8
- (b) Define the Dynamic and Embedded font technology. 8
4. (a) Write down short notes on graphics accelerator IEEE 1394. 8
- (b) Define the following : 2×4=8
- (i) Animation pro
  - (ii) 3-D studio
  - (iii) Paint shop pro animator
  - (iv) Chroma key
5. (a) Explain dynamic and embedded font technology. 8
- (b) Explain features and limitations of animation. 4+4

6. (a) Difference between Analog and digital video and digitization of analog to digital video. 8
- (b) Explain sound sampling and sound depth. 8
7. (a) Difference between interlancing and non-interlancing. 8
- (b) Explain streaming and real video. 4+4
8. (i) Explain following: 12
- (a) TGA
  - (b) OGG
  - (c) PAL
  - (d) AV/DV
  - (e) WAV
  - (f) DITHERING.
- (ii) Difference between Serif and Sans serif with eg. 4

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