

Sl. No. 100004

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GS-753

IV Semester B.Voc. Examination, May/June - 2019

INFORMATION TECHNOLOGY

404 : Multimedia Technology & Applications

(CBCS) (F+R) (2017-18 & Onwards)

Time : 3 Hours

Max. Marks : 70

Instruction : Answer *all* Sections.

SECTION - A

Answer **any ten** of the following.

10x2=20

1. Distinguish VGA, SVGA, XGA.
2. What is the difference between CRT and LCD ?
3. What is Scanner ?
4. What is Cloning ?
5. What is SNR ?
6. What is Quantization Error ?
7. Give the Difference between component video and composite video.
8. What is CODEC ?
9. What is lossy compression ?
10. Mention any two video file formats.
11. Distinguish squash and stretch.
12. What is DPCM ?

P.T.O.

Scanned by CamScanner

**SECTION - B**

Answer **any five** of the following.

5x10=50

- 13.** (a) What are the main application of Plasma Display Panel ? **4+6**
(b) Briefly explain the major text file formats.
- 14.** (a) Write short notes on TGA, TIFF and PCX. **5+5**
(b) Explain gray scale processing Methods.
- 15.** (a) What are the types and properties of sound ? **5+5**
(b) Write short notes on Amplifiers.
- 16.** (a) Briefly explain video recording formats. **6+4**
(b) What are the advantages of digital video representation ?
- 17.** (a) Explain Uniform and Non-Uniform Quantization. **5+5**
(b) What is the classification of Data Compression techniques ?
- 18.** (a) What are the various traditional Animation techniques ? **3+7**
(b) Explain Ray Casting Algorithm.
- 19.** (a) Explain Lossless compression techniques. **7+3**
(b) Explain Huffman Coding.
- 20.** Write short notes on : **5+5**
(i) DPCM
(ii) Fractal Compression

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