

Total No. of Printed Pages—8

**HS/XII/V/CT/Paper-IV/22**

**2 0 2 2**

**COMPUTER TECHNIQUE**

( Vocational Stream )

**[ Desktop Publishing (DTP) ]**

**( Theory )**

*Full Marks : 100*

*Time : 3 hours*

*The figures in the margin indicate full marks for the questions*

*General Instructions :*

- (i) Write all the answers in the Answer Script.
- (ii) Attempt Part—A (Objective Questions) serially.
- (iii) Attempt all parts of a question together at one place.

( PART : A—OBJECTIVE )

( Marks : 75 )

SECTION—I

( Marks : 45 )

- 1.** Fill in the blanks from the list of words/phrases given below : 1×15=15

- (a) The ink used to print on a tea cup is \_\_\_\_\_.
- (b) The printer output speed is measured in \_\_\_\_\_.
- (c) The smallest font size in Adobe PageMaker is \_\_\_\_\_.

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- (d) CorelDRAW is a \_\_\_\_\_ based application software.
- (e) The default paper size when you open CorelDRAW is \_\_\_\_\_.
- (f) Cropping tool used is \_\_\_\_\_.
- (g) Number of paper orientations in CorelDRAW is \_\_\_\_\_.
- (h) In Adobe Photoshop, you can easily change the shape of a path by editing its \_\_\_\_\_ points.
- (i) In Adobe Photoshop \_\_\_\_\_ allows you to work on an element of an image without disturbing the others.
- (j) \_\_\_\_\_ allows to assemble elements like texts, graphics, etc., in a page.
- (k) Bitmap images require more \_\_\_\_\_ than graphics (vector) images.
- (l) \_\_\_\_\_ means removing mistakes from a draft document.
- (m) The higher the \_\_\_\_\_ of a monitor, the clearer will be the clarity of a picture.
- (n) The complete document created in PageMaker is called as \_\_\_\_\_.

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- (o) In CorelDRAW, only objects inside drawing page are \_\_\_\_.

List of words/phrases

Publication	Pages per minute	Sublimation
4	Knife tool	Layers
Letter	Anchor	2
Vector	Memory	Printable
PageMaker	Resolution	Proofreading

2. State whether the following statements are *True* or *False* :  $\frac{1}{2} \times 20 = 10$

- (a) The largest font size in PageMaker is 650.
- (b) CTP in printing process is computer to plate.
- (c) The output quality of a printer is measured by pixel per inch.
- (d) Laser printer is an impact printer.
- (e) RAM stores the data permanently.
- (f) Adobe Photoshop is a raster graphics editor.
- (g) Pixel represents tiny color of B & W dots.
- (h) The typical size for a graphic design is measured in pixel.

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- (i) In CorelDRAW, the line between two nodes is called a segment.
- (j) PowerClip is used to remove image from the container.
- (k) Mask is used to protect sections of layer from being edited.
- (l) EPS means Epson PostScript.
- (m) PNG file format is Portable Network Graphics.
- (n) .CDR is a file extension of CorelDRAW.
- (o) Drop cap cannot be done in PageMaker.
- (p) Dot matrix is an impact printer.
- (q) Brush tool is a tool of PageMaker.
- (r) Leading is space between lines.
- (s) Maximum PageMaker publication is 99.
- (t) 20 columns can be created in PageMaker.

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3. Match the following sentences given in two columns below : 1×10=10

*Column—I*

*Column—II*

- |  |                                 |
|--|---------------------------------|
| (a) Place command is used in                                 | (i) CMYK                        |
| (b) The color model used in printer is                       | (ii) Image format               |
| (c) The command used in CorelDRAW for grouping of objects is | (iii) CorelDRAW                 |
| (d) TIFF   | (iv) Use ribbons                |
| (e) Interactive fill is used in                              | (v) PageMaker                   |
| (f) Dot matrix printer                                       | (vi) DTP                        |
| (g) Advertisement design                                     | (vii) Duplicating objects       |
| (h) .psd   | (viii) Photoshop file extension |
| (i) Photoshop image  | (ix) Raster                     |
| (j) Clone stamp tool in Photoshop                            | (x) Arrange                     |

4. Expand the following acronyms (any ten) : 1×10=10

- |   |           |
|---|-----------|
| (a) DPI   | (g) PIXEL |
| (b) KISS (Related to design principle in computers) | (h) BMP   |
| (c) MPEG  | (i) CSS   |
| (d) WYSIWYG   | (j) RAM   |
| (e) LASER   | (k) ROM   |
| (f) BIT   | (l) GB    |

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SECTION—II

( Marks : 30 )

5. Answer any *ten* of the following questions in *1* or  
2 sentence(s) each : 2×10=20

- (a) Write the uses of DTP.
- (b) What is color palette?
- (c) What is a drawing window in CorelDRAW?
- (d) What is masking in PageMaker?
- (e) Define cloning in Photoshop.
- (f) Define snapping in CorelDRAW.
- (g) What is PowerClip in CorelDRAW?
- (h) What is drop cap in PageMaker?
- (i) What is story editor in PageMaker?
- (j) What is magic wand tool in Photoshop?
- (k) What is layer in PageMaker?
- (l) What is artistic text in CorelDRAW?

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- 6.** How are the following command/tools used in PageMaker/CorelDRAW/Photoshop? (Answer any *five*) :  
2×5=10

- |                    |                   |
|--------------------|-------------------|
| (a) Knife tool     | (f) Freehand tool |
| (b) Shape tool     | (g) Hand tool     |
| (c) Export command | (h) Text tool     |
| (d) Lasso tool     | (i) Fill tool     |
| (e) Crop tool      | (j) Stamp tool    |

( PART : B—DESCRIPTIVE )

( Marks : 25 )

GROUP—I

Answer any *two* of the following questions : 5×2=10

- 7.** How to convert a square shape into an ellipse or a circle in CorelDRAW?
- 8.** How to duplicate an image in Photoshop?
- 9.** How to create table of content in PageMaker?
- 10.** How to place text in a path in CorelDRAW?

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GROUP—II

**11.** Write notes on any *three* of the following : 5×3=15

- (a) Styles
- (b) Frames
- (c) Texts
- (d) Path
- (e) Skewing

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