

Total No. of Printed Pages—9

**HS/XII/V/CT/Paper—IV/23**

**2 0 2 3**

**COMPUTER TECHNIQUE**

( Vocational Stream )

**[ Desktop Publishing (DTP) ]**

Paper—IV

**( 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 : 60 )

SECTION—I

( Marks : 30 )

- 1.** Fill in the blanks from the list of words/phrases given below : 1×10=10

(a) The color model used by a color printer is \_\_\_\_.

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- (b) If equal amounts of Red color and Green color are mixed together, then the resultant color will be \_\_\_\_.
- (c) The files that store CorelDRAW graphics or images consist of a list of \_\_\_\_.
- (d) PageMaker is an application software used for \_\_\_\_.
- (e) The image format which supports transparency is \_\_\_\_.
- (f) The images or graphics which are made of pixels are \_\_\_\_.
- (g) \_\_\_\_ controls the amount of space between lines of selected text in PageMaker.
- (h) \_\_\_\_ is to select multiple objects in CorelDRAW.
- (i) File extension of PageMaker document is \_\_\_\_.
- (j) File extension of CorelDRAW file is \_\_\_\_.

List of Words/Phrases		
Draw a Marquee	Leading	CMYK
Yellow	Lines	PNG
Page layout	.CDR	.PMD
Raster image		

**2.** State whether the following statements are *True* or *False* :

1×10=10

- (a) Pick tool is the least commonly used tool in CorelDRAW.
- (b) CorelDRAW defines text in two ways—paragraph text and artistic text.
- (c) Almost all the elements used in PageMaker are already created outside PageMaker.

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- (d) Ctrl + Alt + P is used to insert page number in PageMaker.
- (e) In PageMaker, a third party plugins can be added.
- (f) In CorelDRAW, freehand tool is used to shape any curve.
- (g) Kerning is related with CorelDRAW.
- (h) Opaque graphics cannot be arranged one on the top of another in CorelDRAW.
- (i) PageMaker publication can be converted into HTML format or webpage.
- (j) In PageMaker, table of content (TOC) cannot be generated automatically.

3. Select the most appropriate answer from the given choices : 1×10=10

- (a) Which of these tools is not in toolbox of PageMaker?
  - (i) Ellipse tool
  - (ii) Polygon tool
  - (iii) Rotating tool
  - (iv) Move tool
- (b) The character displayed by showing it slightly above its normal size is called as
  - (i) superscript
  - (ii) drop cap
  - (iii) subscript
  - (iv) alignment

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- (c) Which of the following is text flow option in PageMaker?
- (i) Standard
  - (ii) Autoflow
  - (iii) Semi-flow
  - (iv) All of the above
- (d) In CorelDRAW, filling an object with another object is by
- (i) lens
  - (ii) powerclip
  - (iii) transparency fill
  - (iv) fountain fill
- (e) In CorelDRAW, free transform tool is found in
- (i) zoom tools
  - (ii) pick tools
  - (iii) shape tools
  - (iv) freehand tools
- (f) Which of these is not the main part of PageMaker application?
- (i) Title bar
  - (ii) Color palette
  - (iii) Drawing toolbar
  - (iv) Control palette

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- (g) In PageMaker, we can create the border automatically around the object by using an option from utilities-plugins that is
- (i) border
  - (ii) keyline
  - (iii) outline
  - (iv) None of the above
- (h) To cut an object into two in CorelDRAW, we use
- (i) shape tool
  - (ii) bezier tool
  - (iii) knife tool
  - (iv) clone stamp tool
- (i) The process of adjusting space between specific letter pairs in PageMaker is
- (i) leading
  - (ii) tracking
  - (iii) kerning
  - (iv) None of the above
- (j) In PageMaker, graphics can be imported by using
- (i) import
  - (ii) insert
  - (iii) place
  - (iv) None of the above

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SECTION—II

( Marks : 30 )

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

- (a) An image size of 2048 KB is equivalent to what size in MB? (Take 1 MB = 1024 KB)
- (b) Which requires more memory space—vector image or bitmap image? Justify.
- (c) What is the use of Pan tool in CorelDRAW?
- (d) From which tool can you define outline of an object in CorelDRAW?
- (e) Can a document prepared in PageMaker be used as webpage? If yes, then how?
- (f) Define index entries in PageMaker.
- (g) What is the use of a PDF document?
- (h) What is the use of nodes in CorelDRAW?
- (i) What is the bit depth in grey scale image?
- (j) What do you mean by locking a layer in CorelDRAW?
- (k) What is the use of knife tool in CorelDRAW?
- (l) How do you know whether a curve is closed or not in CorelDRAW?

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5. Answer any *five* of the following questions in 2 to 3 sentences each : 2×5=10

- (a) What will be the minimum PC system requirement (in term of Operating System (OS), RAM size, HDD size) for installation of CorelDRAW 12 version?
- (b) Give three most prominent uses of DTP.
- (c) How many types of printers are used by professional DTP workers? What are these?
- (d) What are the basic differences between PageMaker and CorelDRAW software?
- (e) What are the different types of elements (objects) PageMaker can handle?
- (f) What are the three different color models available in PageMaker?

6. Explain the meanings and uses of each tool in respect of CorelDRAW or PageMaker (any *five*) : 2×5=10

- (a) Shape tool
- (b) Outline tool
- (c) Interactive fill tool
- (d) Crop tool
- (e) Hand tool
- (f) Ellipse frame

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( PART : B—DESCRIPTIVE )

( Marks : 40 )

GROUP—I

Answer any *five* of the following questions :

4×5=20

7. What are the steps in adding or deleting nodes in CorelDRAW?
8. What are the steps in defining printer style in PageMaker?
9. What are the different file formats supported by PageMaker? Describe briefly.
10. What are the steps in creating an index table in PageMaker?
11. What are the steps in re-shaping a circle into a square in CorelDRAW?
12. Differentiate between artistic text and paragraph text in CorelDRAW.
13. What is a master page? What are the steps in creating master page in PageMaker?



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GROUP—II

Answer any *four* of the following questions :

5×4=20

14. What is a type menu in PageMaker? Explain briefly at least four commands of type menu.
15. What is arrange menu? Explain at least 4 commands of arrange menu.
16. What are the options for setting up a document in PageMaker?
17. What are the different tools found in freehand tool flyout in CorelDRAW? How to use the dimension tool?
18. Name at least 5 major palettes in PageMaker. Explain each briefly.

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