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**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* : 60 )

SECTION—I

( *Marks* : 30 )

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

*(a)* A PC requires minimum, a ＿＿＿ of resolution 1024 × 768 or higher for good DTP works.

*(b)* One of the most common examples of application of DTP in print media is a ＿＿＿.

*(c)* Vinyl banners are a form of outdoor _____.

*(d)* In DTP, basically there are two types of pages, electronic pages and _____ to be printed on physical paper pages.

*(e)* One of the parameters in page setup in DTP is _____.

*(f)* Process of placing text, graphics, pictures and other elements of a document to be printed is known as _____.

*(g)* QuarkXPress 2018 is a _____ software.

*(h)* The main purpose of DTP is _____ of ideas and information presented through page layouting and printing.

*(i)* _____ means removing mistakes from a draft document.

*(j)* The better the _____ of a PC (Personal Computer), the better and smoother an image can be produced.

<div align="center">List of words/phrases</div>

| | |
|---|---|
| Page layout | Advertising |
| DTP | Virtual paper pages |
| Proofreading | Communication |
| Graphic card | Monitor |
| Newspaper | Page orientation |

**2.** State whether the following statements are *True* or *False* :　　　　　　　　½×10=5

*(a)* CorelDRAW is a powerful image design software.

*(b)* PageMaker is a page layout software.

*(c)* Vectors image can also be designed using PageMaker.

*(d)* Drop Shadows can be done in CorelDRAW.

*(e)* Insert page is in a layout menu.

*(f)* The space between two columns is called as the gutter width.

*(g)* In CorelDRAW to change a straight line into a curve, a pick tool is used.

*(h)* JPEG is a video format.

*(i)* Blending object is possible in CorelDRAW.

*(j)* In PageMaker 'column guides' option is in layout menu.

**3.** Select the most correct answer from the given choices for each statement :                                     1×5=5

*(a)* Which type of graphic size increases without affecting the quality?

  *(i)* Print graphic

  *(ii)* Vector graphic

  *(iii)* Raster graphic

  *(iv)* None of the above

*(b)* Which of the following is done through DTP?

  *(i)* Advertising designing

  *(ii)* Block designing

  *(iii)* Pamphlet designing

  *(iv)* All of the above

*(c)* The hardware requirement for DTP is

  *(i)* printer

  *(ii)* PC

  *(iii)* scanner

  *(iv)* All of the above

*(d)* Which of the following types of printing is the highest quality printing system?

  *(i)* Letterpress printing

  *(ii)* Gravure printing

  *(iii)* Offset printing

  *(iv)* Screen printing

*(e)* If equal amount of blue and green colors is thoroughly mixed, then the resultant color is

  *(i)* yellow

  *(ii)* cyan

  *(iii)* black

  *(iv)* magenta

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

*(a)* Define a drawing Window in CorelDRAW.

*(b)* Give five examples of image formats supported by PageMaker.

*(c)* What is the use of insert object command in PageMaker?

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*(d)* What is the variant of shape tools in CorelDraw?

*(e)* Define snap to object in CorelDRAW.

*(f)* How to create closed object in CorelDRAW?

*(g)* What is the use of mask command in PageMaker?

*(h)* What is the difference between expert kerning and expert tracking?

*(i)* What happens when text is converted into curve in CorelDRAW?

*(j)* What is autoflow in PageMaker?

SECTION—II

( *Marks* : 30 )

**5.** Answer any *six* of the following questions in *2* to *3* sentences each :                                        2×6=12

*(a)* Differentiate between DTP and word processing.

*(b)* Give the steps for changing fill and stroke at the same time in PageMaker.

*(c)* How can a figure drawn in CorelDRAW be imported to a PageMaker?

*(d)* Differentiate between Window shades and Frame in PageMaker.

*(e)* What is the difference between paragraph text and artistic text? How is artistic text created?

*(f)* In CorelDRAW, if there are three objects of different colors arranging one on top of another, and the bottom one is to be brought to the top of the other two, then how is it done and by which command?

*(g)* How are empty frames linked in PageMaker?

*(h)* How can text be exported to PDF file in PageMaker?

**6.** Answer any *six* of the following questions in *3* to *4* sentences each :  3×6=18

*(a)* Which command is used to search for text in PageMaker? How can text be searched from a current publication and story?

*(b)* What palette is always available, floating on top of work area of PageMaker? Name at least five commands coming with that palette.

*(c)* How is text fitted into a curve in CorelDRAW?

*(d)* How Pan tool and Zoom tool look like in PageMaker and what are their functions?

*(e)* Define character scaling in PageMaker. How is horizontal scale applied to character in a text?

*(f)* Define tab leaders in PageMaker. How are tab leaders created?

*(g)* How is a new style defined in PageMaker?

*(h)* Differentiate between grouping and combining objects in CorelDRAW.

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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 different commands available with free transform? How is skew-transform applied to an object in CorelDRAW?

8. Give the bit depths of RGB, Greyscale and CMYK image. What are the different types of color models?

9. How do you remove a background from an imported image in CorelDRAW?

10. What are the different types of lenses in CorelDRAW? Give one example of how lens can be applied to an object.

11. What is text wrap around an image in PageMaker? How the customization of wrap around graphic is done?

12. How to create a color tint in PageMaker?

13. How can table be inserted in PageMaker?

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### GROUP—II

Answer any *four* of the following questions :  5×4=20

14. Define container in CorelDRAW. How is a PowerClip inserted into an artistic text?

15. What does a blend tool do? How do you define a line thickness of lines generated by the contour effect?

16. Differentiate between lock position and lock layer in PageMaker. How can layers be shuffled?

17. Explain how a merged publication is created in PageMaker.

18. What is the use of a link manager dialog box? How to relink the missing graphic back to the publication?

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