

SEMESTER-II

2DCA3(B) - DTP WITH PAGEMAKER & PHOTOSHOP

(ELECTIVE-II)

UNIT-I

Introduction to Desk Top Publishing, Introduction to Desk Top Publishing (DTP), History, Definition, Need and Area of Application, Difference between a word processor and Publication Software, Use and importance of DTP in Publication & Newspaper Printing, Various DTP Softwares, Introduction to Offset Printing Technology, Printers Formatting of a text: Typography, Fonts, Point Size, Spacing, Breaks, Measurements etc., Types of Printing: Lithography, Flexography, Gravure, Screen Printing, Offset Printing. Working of offset Printing, Terms used in Offset Printing: Bleed, CMYK, Impressions, Importance of D.T.P in Publication, Advantage of D.T.P in Publication. Laser printers - Use, Types, Advantage of laser printer in publication

UNIT-II

Adobe Page Maker - Introduction to Page Maker, Aldus & Adobe Page Maker, Previous and current versions of Page Maker, Page Maker as a DTP Software, Attribute settings: Tools, Styles, Menus, Alignments, Grids, Guides etc., Keyboard shortcuts, Page Layouts- Margins and Page Orientations with various page sizes, Text Editing and Manipulation, Filters, Import and Export options, Placing of Text and Images, Auto flow and Story Editor, Different Layout views, Tab setting, Columns & Gutters, Use of Styles, Palettes & Colours, Find Option & Document Setup

UNIT-III

Adobe Page Maker- Page and document setup, working with rulers, setting the unit measurement, Bullets, Column Balancing, Breaks, Text Wrapping, Widows & Orphan lines, Revert Command and its use, Using Drop Caps and various style formats, Editing of Graphics and Frames, OLE & Embedding, Plug-ins, Mathematic Equation, Table Editor and its use, Master Pages, Headers & Footers, Frame Options, Print Setup Options, Managing and Printing Publications - Tiles, multiple copies etc. Use of Page Maker in News paper and Magazines

UNIT-IV

Introduction to Adobe Photoshop, Photoshop Documents, Various Graphic Files and Extensions- JPG, GIF, PNG, TIF, BMP, PSD, CDR, SVG etc., Graphic Files: Vector Image and Raster Images. Definition, Features, Area of application etc., Advantages and Disadvantages Vector & Raster Graphics, Bitmap Graphics, Pixels, Application Programs to work on Vector Graphics and Raster Graphics, Various Color Modes and Models: HSB, RGB, CMYK, Bitmap, Grayscale, Duotone
Image: Image Size and Resolution, Changing Image Size and Resolution, Getting Image from Input Devices, Creating New image in Photoshop, Using File Browser, Opening and Importing Selecting Image, Adjusting Pixel, Snap command, Saving and Loading Selection, Deleting Selection

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UNIT-V

Photoshop - Introduction PSD files. Screen and Work Area Interfaces: Menu Bar, Option Bar, Palette, Active Image Area, Tool Box List etc., Opening a File, Saving a File, Closing a File, Tool: Icons, Name and usage of Each tool, Setting History Option, Photoshop Layers & Palettes: Use of Layers, Why Use Layers, Using layer palette, Creating Layers and Layer Sets, Background layer

Working with layered Image: Layer and Layer sets, Selecting Layers, Displaying Content of a Layer, Duplicating Layers, Changing Order of Layers, Linking and Aligning Layers, Renaming, Deleting Layer, Color Coding, Rasterizing Layer, Setting Opacity and Blending, Layer Effect and Style, Applying Preset Style, Creating Custom Style, Masking Layer

Filters: Using Filter Gallery, Filter Gallery Dialogue box, Applying and Blending Filters, Choosing various Filter Effects

Reference Books:

- Adobe PageMaker 7.0 Classroom in a Book, Publisher Adobe
- The Complete Reference Getting started with Page Maker, McGraw-Hill
- Photoshop 6.0 by Sharma, Shusmit
- Photoshop CS6 All-in-One For Dummies by Barbara Obermeier, John Wiley & Sons

Practical Questions:

Q. Prepare passport size photographs to print on A4 Sheet.

- Passport photograph size – 35 x 45 mm
- Select a photograph and resize it to 35 x 45 mm in passport size photograph style.
- Change the background of photo to plain background.
- Insert name and date on photograph.
- Place 20 photographs in a 4 x 5 pattern to print them on a A4 Sheet.

Q. Colorize a black and white photograph to color.

- Select any black white (old) photograph of your parents or relatives.
- Scan this photograph.
- Colorize the photograph with your imagination.
- Try to match skin tone hair color.
- Try to colorize dress and environment as real as possible.
- Finally save the new image in jpeg format.

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