

I B.COM(CA) – Computer Science/ Semester- I (W.E.F. 2017-2018)

Course: COMPUTER FUNDAMENTALS AND PHOTOSHOP

COURSE CODE: CP1204

Total Hrs. of Teaching-Learning: 52 @ 4 h / Week

Total Credits: 03

Objective: This course is designed to basic computer knowledge with PHOTOSHOP package. In this course Create compositions with different placements, styles, and visibility Learn to select parts of images for a composition Learn to use layer blending modes and layer effects Learn to create different arrangements

Outcome: After the successful completion of course the student should have thorough knowledge about concept and principles of computer fundamentals and Photoshop

MODULE--I:

12hr

- a) **Introduction to computers:** Characteristics and limitations of computer, Block diagram of computer, types of computers, uses of computers, computer generations.
- b) **Number systems:** working with binary, octal, decimal and Hexa decimal numbering system.
- c) **Input and Output devices:** Keyboard and mouse, inputting data in other ways, Pointing Devices, Handheld Devices, Optical Devices, Audio-Visual Input Devices. Output Devices: Monitors, Projectors, Speakers, Printers, Plotters.

MODULE--II:

10hr

- a) **Types of Software:** system software, Application software, commercial, open source, domain and free ware software.
- b) **Memories:** Primary, Secondary and cache memory. Secondary Storage Devices: Magnetic Tapes, Floppy Disks, Hard Disks.
- c) **Windows basics:** Start menu, icons, MSWindows-Desktop, My Computer, My Documents, Pictures, Music, Videos, Recycle Bin, and Task Bar - Control Panel.

MODULE- –III

12hr

- a) **Introduction to Adobe photoshop:** Getting started with photoshop, creating and saving a document in photoshop, page layout and back ground, photoshop program window-title bar, menu bar, option bar, image window, image title bar, status bar, ruler, paletts, tool box,screen modes, saving files, reverting files, closing files.
- b) **Images:** working with images, image size and resolution, image editing, colour modes and adjustments, Zooming & Panning an Image, Rulers, Guides & Grids- Cropping & Straightening an Image, image backgrounds, making selections.
- c) **Working with tool box:** working with pen tool, save and load selection-working with erasers-working with text and brushes-

MODULE—IV

18hr

- a) **Colour manipulations:** colour modes- Levels – Curves - Seeing Colour accurately **Patch tool** – Cropping-Reading your palettes - Dust and scratches- Advanced Retouching-smoothing skin. **Layers:** Working with layers- layer styles- opacity-adjustment layers
- b) **Filters:** The filter menu, Working with filters- Editing your photo shoot, presentation –how to create adds, artistic filter, blur filter, brush store filter, distort filters, noise filters, pixelate filters, light effects, difference clouds, sharpen filters, printing.
Menus: purpose of menus – new file- open file- print file – copying data – cut data- paste data- saving custom shape- working with modes- define brushes.

Reference Books:

1. Fundamentals of Computers by Reema Thareja from Oxford University Press
2. Adobe Photoshop Class Room in a Book by Adobe Creative Team.
3. Photoshop: Beginner's Guide for Photoshop - Digital Photography, Photo Editing, Color Grading & Graphic...19 February 2016 by David Maxwell.

P. R.GOV.T. COLLEGE (AUTONOMOUS), KAKINADA
MODEL BLUE PRINT FOR THE YEAR 2017-2018
I B.COM (CA) 2017-2020 BATCH

Computer Science Course: COMPUTER FUNDAMENTALS AND PHOTOSHOP
COURSE CODE:CP1204

Time : 2.30 Hrs.

SEMESTER-I

Max. Marks: 60

Model blue print for the model paper and choice

S.NO	Type of Question	To be given in the Question Paper			To be answered		
		No. of Questions	Marks allotted to each question	Total Marks	No. of Questions	Marks allotted to each question	Total Marks
F1	Section-A Very Short Questions	5	1	5	5	1	5
2	Section-B Short Questions	6	5	30	3	5	15
3	Section-C Essay Questions	8	10	80	4	10	40
TOTAL		19		115	TOTAL MARKS		60

$$\text{Percentage of choice given} = \frac{115 - 60}{115} \times 100 = \frac{55}{115} \times 100 = 47.82\%$$

P.R.GOV.T.COLLEGE (AUTONOMOUS), KAKINADA
MODEL PAPERS FOR THE YEAR 2017-2018
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Time : 2.30 Hrs.

SEMESTER-I

Max. Marks: 60

Section-I

Answer ALL Questions (Very Short answer questions) (5x1=5M)

1. Write about system softwares?
2. Write any four I/O devices.
3. Define File and Folder.
4. How do you crop an image?
5. What is Drawing Palette?

SECTION-II

Answer any 3 Questions (Short answer questions) (3x5=15M)

6. Differentiate between primary memory and secondary memory.
7. Explain the generations of computers.
8. Explain the various types of number system.
9. How to manage software?
10. Explain briefly about patch tool in photoshop.
11. Explain briefly about rulers in photoshop.

SECTION-III

Answer all Questions (4x10=40)M

12. Explain the Logical Organization of a Digital Computer with the help of Block Diagram.

(or)

Write about the classification of computer in detail.

13. What is an octal number system? Explain the procedure to convert an octal number into its binary

(or)

Explain various options in Start menu

14. Explain how to change the image size and resolution in Photoshop

(or)

Explain how to create, hide and delete layers in Photoshop

15. Explain how to create ads in Photoshop.

(or)

Explain the working procedure of the tools

- a. Brushes.
- b. Pencil and Erasers.
- c. Painting with selections

I B.COM(CA) – Computer Science / Semester- II (W.E.F. 2017-2018)

Course: ENTERPRISE RESOURCE PLANNING

COURSE CODE: CP1204

Total Hrs. of Teaching-Learning: 52 @ 4 h / Week

Total Credits: 03

Objective: The objective of the ERP Business Transformation Strategy is to modernize and integrate business processes and systems and provide services through an intuitive and integrated interface, and ultimately aims to:

- Improve Service Experience, Enhance Competitiveness,
- Modernize Business Processes and Systems, Automate Business Solutions,
- Increase Operating Efficiency

Outcome: After the successful completion of course the student should have thorough knowledge about concept and principles of Enterprise Resource Planning

MODULE -I:

Introduction to ERP: Overview -Benefits of ERP -ERP and Related Technologies - Business Process Reengineering - Data Warehousing – Data Mining -On-line Analytical Processing -Supply Chain Management.

MODULE -II:

ERP Implementation: Implementation Life Cycle –Implementation Methodology - Hidden Costs - Organizing Implementation - Vendors, Consultants and Users-Contracts-Project Management and Monitoring.

MODULE -III:

Business Modules: Business Modules in an ERP Package-Finance Manufacturing-Human Resource-Plant Maintenance-Materials Management -Quality Management-Sales and Distribution.

MODULE -IV:

ERP Market - ERP Market Place - SAP AG - PeopleSoft-Baan Company - Oracle Corporation. ERP Present and Future: ERP and E-Commerce-ERP and Internet-Future
Directions in ERP.

Reference Books:

1. Alexis Leon, “ERP Demystified”, Tata McGraw Hill, 1999.
2. Joseph A. Brady, Ellen F. Monk, Bret J. Wangner, “Concepts in Enterprise Resource Planning”, Thomson Learning, 2001.
3. Vinod Kumar Garg and N.K. Venkata Krishnan, “Enterprise Resource Planning - concepts and Planning”, Prentice Hall, 1998.
4. Jose Antonio Fernandez, “ The SAP R /3 Hand book”, Tata McGraw Hill

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COURSE CODE: CP1204

Time : 2.30 Hrs.

SEMESTER-II

Max. Marks: 60

Model blue print for the model paper and choice

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COURSE CODE: CP1204

Time : 2.30 Hrs.

SEMESTER-II

Max. Marks: 60

Section-I

Answer ALL Questions (Very Short answer questions) (5x1=5M)

16. Write about system softwares?
17. Write any four I/O devices.
18. Define File and Folder.
19. How do you crop an image?
20. What is Drawing Palette?

SECTION-II

Answer any 3 Questions (Short answer questions) (3x5=15M)

21. Differentiate between primary memory and secondary memory.
22. Explain the generations of computers.
23. Explain the various types of number system.
24. How to manage software?
25. Explain briefly about patch tool in photoshop.
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SECTION-III

Answer all Questions (4x10=40M)

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28. What is an octal number system? Explain the procedure to convert an octal number into its binary

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Explain various options in Start menu

29. Explain how to change the image size and resolution in Photoshop

(or)

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Explain the working procedure of the tools

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