Sri A.S.N.M. Govt. Degree College (A): Palakol CBCS/Semester System B.Com (Computer Applications) I YEAR I SEMESTER SYLLABUS Computer Fundamentals and Photoshop

UNIT-I:

Introduction to computers: Characteristics and limitations of computer, Block diagram of computer, types of computers, uses of computers, computer generations.

Number systems: working with binary, octal, decimal and Hexa decimal numbering system.

UNIT-II:

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.

Types of Software: system software, Application software, commercial, open source, domain and free ware software.

Memories: Primary, Secondary and cache memory. Secondary Storage Devices: Magnetic Tapes, Floppy Disks, Hard Disks.

Windows basics: Start menu, icons, MS Windows-Desktop, My Computer, My Documents, Pictures, Music, Videos, Recycle Bin, and Task Bar - Control Panel.

Unit –III

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, palettes, tool box, screen modes, saving files, reverting files, closing files.

Unit –IV

Images: working with images, image size and resolution, image editing, color modes and adjustments, Zooming & Panning an Image, Rulers, Guides & Grids- Cropping & Straightening an Image, image backgrounds, making selections.

Working with tool box: working with pen tool, save and load selection-working with erasersworking with text and brushes-Color manipulations: color modes- Levels – Curves - Seeing Color accurately - Patch tool – Cropping-Reading your palettes - Dust and scratches- Advanced Retouching- smoothing skin.

Unit-V

Layers: Working with layers- layer styles- opacity-adjustment layers

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 datasaving custom shape- working with modes- define brushes.

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

PRACTICAL SYLLABUS PHOTOSHOP

- 1. Create your Visiting card
- 2. Create Cover page for any text book
- 3. Create a Paper ad for advertising of any commercial agency
- 4. Design a Passport photo
- 5. Create a Pamphlet for any program to be conducted by an organization
- 6. Create Broacher for you college
- 7. Create Titles for any forthcoming film
- 8. Custom shapes creation
- 9. Create a Web template for your college
- 10. Convert color photo to black and white photo
- 11. Enhance and reduce the given Image size
- 12. Background changes
- 13. Design Box package cover
- 14. Design Texture and patterns
- 15. Filter effects & Eraser effects

Sri A.S.N.M. Govt. Degree College (A): Palakol B.Com (Computer Applications) I YEAR I SEMESTER Computer Fundamentals and Photoshop

Model Paper

Time: 3 Hours	Maximum Marks: 75
Section – A	
I. Answer any FIVE questions	(5x5=25)
1. What are the functionalities of a computer?	
2. What is cache memory?	
3. How to reverting files in Photoshop?	
4. How to cropping an image?	
5. What are the various editing options to edit your photo?	
6. What is "My Computer"?	
7. Explain Binary number system.	
8. Explain about image size and its resolution.	
Section – B	
II. Answer any FIVE questions	(5x10=50)
9. (a) What is a computer? Explain its characteristics.	
(OR)	
(b) Explain the block diagram of a computer.	
10. (a) Explain various types of input devices.	
(OR)	
(b) Explain Secondary storage devices.	
11. (a) What are the advantages and disadvantages of Photoshop?	
(OR)	
(b) How to create and save a document in Photoshop?	
12. (a) Explain file saving modes in Photoshop.	
(OR)	
(b) Explain about the color modes.	
13. (a) Explain about the layers.	
(OR)	
(b) Explain various Filter menu options.	

Sri A.S.N.M. Govt. Degree College (A): Palakol CBCS/Semester System B.Com (Computer Applications) I YEAR II SEMESTER SYLLABUS Enterprise Resource Planning

Unit-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.

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

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

Unit-IV: ERP Market - ERP Market Place - SAP AG – PeopleSoft – Baan Company –Oracle Corporation.

Unit-V: ERP Present and Future: ERP and E-Commerce-ERP and Internet-Future Directions in ERP.

- 1. Alexis Leon, "ERP Demystified", Tata McGraw Hill, 1999.
- 2. Joseph A. Brady, Ellen F. Monk, BretJ. 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 Femandz, "The SAP R /3 Hand book", Tata McGraw Hill

Sri A.S.N.M. Govt. Degree College (A): Palakol B.Com (Computer Applications) I YEAR II SEMESTER Enterprise Resource Planning

Model Paper

Time: 3 Hours

Section – A

I. Answer any FIVE questions

- 1. What are the benefits of ERP?
- 2. Explain about vendors.
- 3. Explain briefly about various types of enterprises?
- 4. Explain about peoplesoft in detail.
- 5. Explain about wireless technologies.
- 6. Explain about Supply chain management.
- 7. What are the functions of consultants?
- 8. Write about future trends in ERP system?

Section – B

II. Answer any FIVE questions

9. (a) Explain the characteristics of Enterprise Resource Planning.

(OR)

(b) Explain different ERP modules in Business Processes.

10. (a) What are the major decisions of ERP Implementation Process?

(OR)

- (b) Write briefly various functional modules in ERP system?
- 11. (a) Explain the process of data migration.

(OR)

(b) Explain the role and responsibilities of ERP consultants.

12. (a) Explain the impact of ERP system on Organization.

(OR)

- (b) Write briefly about success and failure factors of ERP implementation?
- 13. (a) Write briefly about customer relationship management?

(OR)

(b) Explain about cloud computing.

(5x5=25)

Maximum Marks: 75

(5x10=50)

Sri A.S.N.M. Govt. Degree College (A): Palakol CBCS/Semester System B.Com (Computer Applications) II YEAR III SEMESTER SYLLABUS Office Automation Tools

Unit- I: MS-Excel: features of Ms-Excel, Parts of MS-Excel window, entering and editing data in worksheet, number formatting in excel, different cell references, how to enter and edit formula in excel, auto fill and custom fill, printing options.

Unit-II: Formatting options: Different formatting options, change row height, formulae and functions, excel names. Functions: Meaning and advantages of functions, different types of functions available in Excel, financial functions, date and time, engineering, statistical, math and trig, logical, text, information, look up and reference functions, operators in excel, Database functions.

Unit-Ill: Charts: Different types of charts, Parts of chart, chart creation using wizard, chart operations, data maps, graphs, data sorting, filtering. Excel sub totals, scenarios, what-if analysis Macro; Meaning and advantages of Macros, creation, editing and deletion of macros Creating a macro, how to run, how to delete a macro.

Unit-IV: MS Access: Creating a Simple Database and Tables: Features of Ms-Access, Creating a Database, Parts of Access, Data Types and properties, adding, deleting fields, renaming the fields in a table. Tables: table creation using design view, table wizard, data sheet view, import table, link table. Forms: The Form Wizard, design view, columnar, tabular, data sheet, chart wizard.

Unit- V: Finding, Sorting and Displaying Data: Queries and Dynasts, Creating and using select queries, Returning to the Query Design, Multilevel sorts, Finding incomplete matches, showing All records after a Query, saving queries Crosstab Queries.

Printing Reports: Simple table. Form and Database Printing, Defining advanced Reports, Manual Reporting, Properties in Reports, Saving Reports.

Relational Databases: Flat Versus Relational, Types of Relationships, Viewing Relationships, Defining and Redefining Relationships, Creating and Deleting Relationships.

- 1. Ron Mansfield, Workirfg in Microsoft Office, Tlala McGraw Htll(200S)
- 2. Ed Bott, Woody Leonhard, Using Microsoft Office 2007, Pearson Education(2007)
- 3. Sanjay Saxsena, Microsoft Office, 4. Microsoft Office, BPB Publications

Sri A.S.N.M. Govt. Degree College (A): Palakol **B.Com** (Computer Applications) **II YEAR III SEMESTER Office Automation Tools**

Model Paper

Time: 3 Hours

Section – A

I. Answer any FIVE questions

- 1. How to create cell references on the worksheets?
- 2. Describe Engineering functions.
- 3. Explain about the data map in Excel.
- 4. How to create Columnar Form?
- 5. Explain the Unmatched Query wizard.
- 6. How to enter text in Excel?
- 7. Explain formulas in Excel.
- 8. Explain about Multilevel Sorts.

Section – B

II. Answer any FIVE questions

9. (a) Describe various parts of MS-Excel.

(OR)

- (b) Explain various features of MS-Excel.
- 10. (a) Explain about operators in Excel.

(OR)

- (b) Describe financial functions.
- 11. (a) Explain different types of charts.

(OR)

- (b) What is Macro? Write the steps for creating and running a Macro.
- 12. (a) What are the features of MS-Access?

(OR)

- (b) How to create chart wizard in MS-Access?
- 13. (a) Differentiate between Flat file database and Relational database.

(OR)

(b) What is Relational database? Explain various types of relationships.

(5x10=50)

Maximum Marks: 75

(5x5=25)

Sri A.S.N.M. Govt. Degree College (A): Palakol B.Com (Computer Applications) II YEAR IV SEMESTER

Business Analytics

Unit-I: Introduction - Business Analytics Life Cycle - Business Analytics Process - Data concepts - Data exploration & visualization - Business Analytics as Solution for Business Challenges -

Unit-II: Automated Data Analysis: Tabulation and Cross Tabulation of Data: Univariate, Bivariate and Multivariate Data Analysis – ANOVA.

Unit-III: Hypothesis Testing: Type 1 & 2 errors - T-test, ANOVA, Chi-Square and correlation - Linear Regression Analysis - Logistic Regression - Cluster Analysis - Market Basket Analysis.

Unit-IV: Business Data Management: Master Data Management: Data Warehousing and kinds of Architecture – Data Extraction – Transformation and Up-loading of Data – Data Mining – Meta Data – Data Marts – Creating Data Marts – Data Integration – OLTP and OLAP.

Unit-V: SPSS Packages – Applications and Case Studies.

Suggested Books:

- 1. Gupta S.P. "Statistical Methods", Sultan Chand, New Delhi, 2010.
- 2. K.V. Rao, "Research Methodology in Commerce and Management", Sterling Publishers, New Delhi, 2012.
- 3. T.S. Wilkinson & P.L. Bhandarkar, "Methodology and Techniques of Social Research", 2010.
- 4. Richard A.Johnson & Dean W.Wichern, "Applied Multivariate Statistical Analysis", Prentice Hall International Inc., 2007.
- 5. R.N Prasad and Seema Acharya, "Fundaments of Business Analytics", Wiley India Publication.
- 6. Pang-Ning Tan, Michael Steinbach & Vipin Kumar, "Introduction to Data Mining", Pearson, 2009.
- 7. Alex Berson, Stephen Smith & Kurt Thearling, "Building Data Mining Application for CRM", Tata McGraw Hill, New Delhi, 2000.

B.Com (Computer Applications) II YEAR IV SEMESTER

Business Analytics

Model Paper

Maximum Marks: 75

Section – A

(5x5=25)

I. Answer any FIVE questions

- 1. Explain data exploration and visualization.
- 2. Explain multivariate data.
- 3. What are the differences between Type-1 and Type-2 errors?
- 4. What are the functions of data warehouse?
- 5. Explain storing and retrieving data files in SPSS.
- 6. Explain Bigdata.

Time: 3 Hours

- 7. What is hypothesis testing?
- 8. What are the differences between OLTP and OLAP?

Section – B

II. Answer any FIVE questions

(5x10=50)

9. (a) What are the applications of business analytics?

(OR)

- (b) Explain the 7-step business analytics process with a neat diagram.
- 10. (a) Explain various types of tabulations.

(OR)

(b) What is ANOVA? Explain in detail.

11. (a) Explain Chi-Square test.

(OR)

- (b) Explain T-test.
- 12. (a) Explain data warehouse three-tier architecture with a diagram.

(OR)

- (b) What is data integration? Explain in detail.
- 13. (a) Explain data view spread sheet in SPSS.

(OR)

(b) Explain the variable view spread sheet in SPSS.

CBCS/Semester System B.Com (Computer Applications) III YEAR V SEMESTER SYLLABUS (w.e.f. 2017-18 admitted batch)

Programming in C

Unit- I: Introduction to Algorithms and Programming Languages: Algorithm – Key features of Algorithms – Some more Algorithms – Flow Charts. **Introduction to C:** Structure of C Program – Writing the first C Program – File used in C Program – Compiling and Executing C Programs – Using Comments – Keywords – Identifiers – Basic Data Types in C – Variables – Constants – I/O Statements in C- Operators in C- Programming Examples – Type Conversion and Type Casting

Unit-II: Decision Control and Looping Statements: Introduction to Decision Control Statements – Conditional Branching Statements – Iterative Statements – Nested Loops – Break and Continue Statement – Go to Statement

Unit- III: Functions: Introduction – using functions – Function declaration/ prototype – Function definition – function call – return statement – Passing parameters – Scope of variables – Storage Classes – Recursive function

Unit- IV: Arrays: Introduction – Declaration of Arrays – Accessing elements of the Array – Storing Values in Array – Calculating the length of the Array – Operations on Array – one dimensional array for inter-function communication – Two dimensional Arrays –Operations on Two Dimensional Arrays, **Strings:** Introduction String and Character functions

Unit-V: Pointers: Understanding Computer Memory – Introduction to Pointers – declaring Pointer Variables – Passing Arguments to Functions using Pointer – Pointer and Arrays – Passing Array to Function. **Structure, Union, and Enumerated Data Types:** Introduction – Nested Structures – Arrays of Structures – Structures and Functions - Unions – Enumerated Data Types.

- 1. Reema Thareja, Introduction to C programming, Oxford University Press.
- 2. E Balagurusamy, Computing Fundamentals & C Programming Tata McGraw-Hill, 2008.
- 3. Ashok N Kamthane, Programming with ANSI and Turbo C, Pearson Publisher, 2002.
- 4. Henry Mulish & Hubert L.Coo Reema Thareja: The Spirit of C: An Introduction to Modern Programming, Jaico Publishing House, 1996.

B.Com (Computer Applications) II YEAR IV SEMESTER (w.e.f. 2017-18 admitted batch)

Programming in C

Model Paper

Time:	3 Hours	Maximum Marks: 75		
Section – A				
I. Ans	wer any FIVE questions	(5 x 5=25)		
1.	What is the structure of C Program?			
2.	Explain for loop.			
3.	What are nested loops?			
4.	Write a program for sorting 10 elements using arrays.			
5.	Explain pointers.			
6.	Explain basic data types in C.			
7.	Explain various string functions.			
8.	Write a C program to swap two values using pointers.			
	Section – B			
II. An	swer any FIVE questions	(5x10=50)		
9.	(a) What is an algorithm? Explain in detail.			
	(OR)			
	(b) Explain flowchart.			
10	. (a) What is while loop? Explain with an example.			
	(OR)			
	(b) Explain do-while loop with an example.			
11	. (a) Explain various storage classes.			
	(OR)			
	(b) How to passing the parameters in functions.			
12	. (a) Write a C program to find largest and smallest elements using a	rrays.		
	(OR)			
	(b) Explain two-dimensional array.			
13	. (a) Explain arrays of structures with an example.			
	(OR)			
	(b) Explain nested structures.			

CBCS/Semester System B.Com (Computer Applications) III YEAR V SEMESTER SYLLABUS (For 2016-17 admitted batch) Programming in C

Unit- I: Introduction to Algorithms and Programming Languages: Algorithm – Key features of Algorithms – Some more Algorithms – Flow Charts. **Introduction to C:** Structure of C Program – Writing the first C Program – File used in C Program – Compiling and Executing C Programs – Using Comments – Keywords – Identifiers – Basic Data Types in C – Variables – Constants – I/O Statements in C- Operators in C- Programming Examples – Type Conversion and Type Casting

Unit-II: Decision Control and Looping Statements: Introduction to Decision Control Statements – Conditional Branching Statements – Iterative Statements – Nested Loops – Break and Continue Statement – Go to Statement

Unit- III: Functions: Introduction – using functions – Function declaration/ prototype – Function definition – function call – return statement – Passing parameters – Scope of variables – Storage Classes – Recursive function

Unit- IV: Arrays: Introduction – Declaration of Arrays – Accessing elements of the Array – Storing Values in Array – Calculating the length of the Array – Operations on Array – one dimensional array for inter-function communication – Two dimensional Arrays –Operations on Two Dimensional Arrays, **Strings:** Introduction String and Character functions

Unit-V: Pointers: Understanding Computer Memory – Introduction to Pointers – declaring Pointer Variables – Passing Arguments to Functions using Pointer – Pointer and Arrays – Passing Array to Function. **Structure, Union, and Enumerated Data Types:** Introduction – Nested Structures – Arrays of Structures – Structures and Functions - Unions – Enumerated Data Types.

- 1. Reema Thareja, Introduction to C programming, Oxford University Press.
- 2. E Balagurusamy, Computing Fundamentals & C Programming Tata McGraw-Hill, 2008.
- 3. Ashok N Kamthane, Programming with ANSI and Turbo C, Pearson Publisher, 2002.
- 4. Henry Mulish & Hubert L.Coo Reema Thareja: The Spirit of C: An Introduction to Modern Programming, Jaico Publishing House, 1996.

B.Com (Computer Applications) III YEAR V SEMESTER (For 2016-17 admitted batch)

Programming in C

Model Paper

Time:	3 Hours Max	imum Marks: 75
	Section – A	
I. Ans	wer any FIVE questions	(5x5=25)
1.	What is the structure of C Program?	
2.	Explain for loop.	
3.	What are nested loops?	
4.	Write a program for sorting 10 elements using arrays.	
5.	Explain pointers.	
6.	Explain basic data types in C.	
7.	Explain various string functions.	
8.	Write a C program to swap two values using pointers.	
	Section – B	
II. An	swer any FIVE questions	(5x10=50)
9.	(a) What is an algorithm? Explain in detail.	
	(OR)	
	(b) Explain flowchart.	
10	. (a) What is while loop? Explain with an example.	
	(OR)	
	(b) Explain do-while loop with an example.	
11	. (a) Explain various storage classes.	
	(OR)	
	(b) How to passing the parameters in functions.	
12	. (a) Write a C program to find largest and smallest elements using arrays (OR)	••
	(b) Explain two-dimensional array.	
13	. (a) Explain arrays of structures with an example.	
	(OR)	
	(b) Explain nested structures.	

Sri A.S.N.M. Govt. Degree College (A): Palakol CBCS/Semester System B.Com (Computer Applications) III YEAR V SEMESTER SYLLABUS Database Management System

Unit-I: Overview of Database Management System: Introduction, Data and Information, Database, Database Management System, Objectives of DBMS, Evolution of Database Management Systems, Classification of Database Management System.

Unit-II: File-Based System, Drawbacks of File-Based System, DBMS Approach, Advantages of DBMS, Data Models, Components of Database System, Database Architecture.

Unit-III: Entity–Relationship Model: Introduction, The Building Blocks of an Entity– Relationship, Classification of Entity Sets, Attribute Classification, Relationship Degree, Relationship Classification, Generalization and Specialization, aggregation and composition, CODD'S Rules, Relational Data Model, Concept of, Relational Integrity.

Unit-IV: Structured Query Language: Introduction, History of SQL Standard, Commands in SQL, Data types in SQL, Data Definition Language (DDL), Selection Operation Projection Operation, Aggregate Functions, Data Manipulation Language, Table Modification, Table Truncation, Imposition of Constraints, Set Operations.

Unit -V: PL/SQL: Introduction, Structure of PL/SQL, PL/SQL Language Elements ,Data Types, Control Structure, Steps to Create a PL/SQL Program, Iterative Control ,Cursors , Steps to Create a Cursor , Procedure, Function ,Packages ,Exceptions Handling, Database Triggers, Types of Triggers.

- 1. Paneerselvam: Database Management Systems, PHI.
- 2. David Kruglinski, Osborne, Data Management System McGraw Hill Publication.
- 3. Shgirley Neal and Kenneth LC Trunik Database Management Systems in Business PHI.
- 4. Godeon C. EVEREST, Database Management McGraw Hill Book Company.
- 5. MARTIN, Database Management Prentice Hall of India, New Delhi.
- 6. Bipin C. Desai, "An Introduction to Database Systems", Galgotia Publications.
- 7. Korth, Database Management systems.
- 8. Navathe, Database Management systems.
- 9. S. Sumathi, S. Esakkirajan, Fundamentals of Relational Database Management Systems
- 10. P.S. Deshpande, SQL & PL/SQL for Oracle 11g Black Book, Dreamtech Press (2011)

B.Com (Computer Applications) **III YEAR V SEMESTER Database Management System**

Model Paper

Time: 3 Hours

Section – A

I. Answer any FIVE questions

- 1. What are the objectives of DBMS?
- 2. What are the disadvantages of DBMS?
- 3. Explain about the types of Relationships.
- 4. Explain about the SQL process.
- 5. Explain about the PL/SQL function.
- 6. Explain about file based system.
- 7. How to truncate the table in SQL?
- 8. Explain about the packages.

Section – B

II. Answer any FIVE questions

9. (a) What are the applications of DBMS?

(OR)

- (b) What are the differences between data and information?
- 10. (a) Explain about database architecture.

(OR)

- (b) Explain data models.
- 11. (a) Explain about the Entity Relationship model.

(OR)

- (b) Explain about the CODD's Rule.
- 12. (a) Explain about the data definition language. (OR)

(b) Explain about the Aggregate function. 13. (a) Explain about the structure of PL/SQL.

(OR)

(b) Explain about the PL/SQL language elements.

(5x10=50)

Maximum Marks: 75

(5x5=25)

CBCS/Semester System B.Com (Computer Applications) III YEAR V SEMESTER SYLLABUS Web Technology

Unit-I: Introduction: HTML, XML, and WWW, Topologies, Bus, Star, Ring, Hybrid, Tree, Lan, Wan, Man. **HTML**: Basic HTML, Document body, Text, Hyper links, Adding more formatting,

Lists, Tables using colors and images. **More HTML**: Multimedia objects, Frames, Forms towards interactive, HTML document heading.

Unit-II: Cascading Style Sheets: Introduction, using Styles, simple examples, your own styles, properties and values in styles, style sheet, formatting blocks of information, layers.

Unit-III: Introduction to JavaScript: What is DHTML, JavaScript, basics, variables, string manipulations, mathematical functions, statements, operators, arrays, functions.

Unit-IV: Objects in JavaScript: Data and objects in JavaScript, regular expressions, exception handling, built-in objects, events.

Unit-V: DHTML with JavaScript: Data validation, opening a new window, messages and confirmations, the status bar, different frames, rollover buttons, moving images, multiple pages in single download, text only menu system.

- 1. Uttam Kumar Roy, Web Technologies, Oxford University Press.
- 2. Black Book HTML 5.0
- 3. Complete reference HTML 5.0
- 4. Web Technology, PHI Publications.

Sri A.S.N.M. Govt. Degree College (A): Palakol B.Com (Computer Applications) III YEAR V SEMESTER

Web Technology

Model Paper

Time: 3 Hours

Section – A

I. Answer any FIVE questions

- 1. Explain about XML in detail.
- 2. Explain the styles of formatting in blocks.
- 3. Explain about arithmetic and logical operators.
- 4. Define Event in Java script.
- 5. Explain about the Messages and Confirmations in Java script.
- 6. Describe font styling in CSS.
- 7. Explain about WWW.
- 8. Explain about the frames in Java script.

Section – B

II. Answer any FIVE questions

9. (a) Explain various Topologies.

(OR)

- (b) Explain various types of lists in HTML.
- 10. (a) Briefly explain about CSS.

(OR)

- (b) Explain various types of selectors in CSS.
- 11. (a) Explain about variables in Java script.

(OR)

- (b) Explain about the Mathematical functions.
- 12. (a) Explain about Exception handling in Java script. (OR)

(b) Explain various Built – in objects in Java script.

13. (a) Explain about Data validation in DHTML.

(OR)

(b) Explain about status bar briefly.

Maximum Marks: 75

(5x5=25)

(5x10=50)

Sri A.S.N.M. Govt. Degree College (A): Palakol CBCS/Semester System B.Com (Computer Applications) III YEAR VI SEMESTER SYLLABUS Tally with GST Applications

Unit-I: Introduction to GST, Difference between GST and VAT, Taxes subsumed under GST, Exempt from GST, Components of GST, GST Registration, Benefits of GST.

Unit-II: GST Transition, GST Rates, Ledgers, Ledger Creation - Single and multiple Ledgers, Altering Ledgers, configure Stock Ledger, GST rate allocation to stocks.

Unit-III: GST Invoices - Creating New Voucher types, customizing the Existing voucher types with applicable GST rates, Alteration of vouchers, deletion of vouchers, Input tax credit on purchase vouchers.

Unit-IV: GST Returns - Regular Monthly filing returns, Composition Quarterly filing returns, Generation of Returns Form GSTR-1, Form GSTR-2 and Form GSTR-3.

Unit-V: Payment of GST taxes online, Reverse Charge Mechanism, Records to be maintained.

Reference Book:

1. Sajee Kurian, Learning Tally ERP 9 with GST, Blessings Inc, First Edition (2017)

B.Com (Computer Applications) **III YEAR VI SEMESTER Tally with GST Applications**

Model Paper

Time: 3 Hours

Section – A

I. Answer any FIVE questions

- 1. What are the differences between GST and VAT?
- 2. Explain about single ledger creation.
- 3. What are the mandatory fields of GST Invoice?
- 4. What is GSTR-3 form? Explain briefly.
- 5. What are the steps for GST payment online?
- 6. What are the components of GST?
- 7. How to altering a ledger?
- 8. What is Reverse Charge mechanism? When is it applicable?

Section – B

II. Answer any FIVE questions

9. (a) What are the benefits of GST?

(OR)

- (b) How to apply new GST registration?
- 10. (a) Explain GST Transition.

(OR)

- (b) Explain configure stock ledger.
- 11. (a) How to creating new voucher types?

(OR)

- (b) How to alteration the vouchers in tally?
- 12. (a) Explain about GST monthly returns.

(OR)

- (b) How to file GSTR-1 form?
- 13. (a) What is Self Invoicing?

(OR)

(b) What are the records to be maintained under GST?

(5x10=50)

Maximum Marks: 75

(5x5=25)

Sri A.S.N.M. Govt. Degree College (A): Palakol CBCS/Semester System B.Com (Computer Applications) III YEAR VI SEMESTER SYLLABUS e-Commerce

Unit-I: Introduction to E-Commerce: Scope, Definition, e-Commerce and the Trade Cycle, Electronic Markets, Electronic Data Interchange, Internet Commerce. Business Strategy in an Electronic Age: Supply Chains, Porter's Value Chain Model, Inter Organizational Value Chains, Competitive Strategy, First Mover Advantage - Sustainable Competitive Advantage, Competitive Advantage using E-Commerce - Business Strategy.

Unit-II: Business-to-Business Electronic Commerce: Characteristics of B2B EC, Models of B2B EC, Procurement Management by using the Buyer's Internal Market place, Just in Time Delivery, Other B2B Models, Auctions and Services from traditional to Internet Based EDI, Integration with Back-end Information System, Role of Software Agents for B2B EC, Electronic marketing in B2B, Solutions of B2B EC, Managerial Issues, Electronic Data Interchange (EDI), EDI: Nuts and Bolts, EDI and Business.

Unit-III: Internet and Extranet: Automotive Network Exchange, Largest Extranet, Architecture of the Internet, Intranet and Extranet, Intranet software, Applications of Intranets, Intranet Application Case Studies, Considerations in Intranet Deployment, Extranets, Structures of Extranets, Extranet products and services, Applications of Extranets, Business Models of Extranet Applications, Managerial Issues. Electronic Payment Systems: Issues and Challenges.

Unit-IV: Public Policy: From Legal Issues to Privacy : Legal Incidents, Ethical and Other Public Policy Issues, Protecting Privacy, Protecting Intellectual Property, Free speech, Internet Indecency and Censorship, Taxation and Encryption Policies, Other Legal Issues: Contracts, Gambling and More, Consumer and Seller Protection in EC.

Unit-V: Infrastructure For EC : Network of Networks, Internet Protocols, Web- Based client/Server, Internet Security, Selling on the Web, Chatting on the Web, Multimedia delivery, Analyzing Web Visits, Managerial Issues, Equipment required for establishing EC Sites – Problems in Operation – Future of EC.

- 1. David Whiteley, "E-Commerce", Tata McGraw Hill, 2000.
- 2. E Business by Parag Kulakarni and Sunitha Jahirabadkar from Oxford University Press.
- 3. E Business by Jonathan Reynolds from Oxford University Press.
- 4. Eframi Turban, Jae Lee, David King, K. Michael Chung, "Electronic Commerce", Pearson Education, 2000.

- 5. R. Kalakota and A. B. Whinston, Frontiers of Electronic Commerce, Addison Wesley.
- 6. David Kosiur, Understanding Electronic Commerce, Microsoft Press.
- 7. Soka, From EDI to Electronic Commerce, McGraw Hill.

B.Com (Computer Applications) III YEAR VI SEMESTER E-Commerce

Model Paper

Time: 3 Hours

Section – A

I. Answer any FIVE questions

- 1. What is the scope of E-Commerce?
- 2. What are the applications and benefits of software agent?
- 3. Explain about the Managerial issues in Internet and Extranet.
- 4. Explain about Public Policy issues.
- 5. What are the advantages of Network?
- 6. Explain about Business Strategy.
- 7. Explain about Electronic marketing in B2B.
- 8. Explain different types of computer protocols.

Section – B

II. Answer any FIVE questions

9. (a) What is E-Commerce? Explain in detail.

(OR)

- (b) What are the advantages and disadvantages of E-Commerce?
- 10. (a) What is B2B E-Commerce? Explain in detail.

(OR)

- (b) What is the role of Software Agents for B2B in E-Commerce?
- 11. (a) Explain about Intranet and its Applications.

(OR)

- (b) Explain various Issues and challenges of Electronic Payment System.
- 12. (a) Explain about the protecting privacy.

(OR)

- (b) Explain about encryption policies.
- 13. (a) Explain in brief about Internet security.

(OR)

(b) Explain the process of selling on the web.

(5x10=50)

(5x5=25)

Maximum Marks: 75

Sri A.S.N.M. Govt. Degree College (A): Palakol CBCS/Semester System B.Com (Computer Applications) III YEAR VI SEMESTER SYLLABUS Project

Evaluation of Project Work: (External Evaluation)

1.	Record:	50 Marks
2.	Calculation of tax on computer system:	25 Marks
3.	Viva-voce:	25 Marks
	—	

Total=

50 Marks