

**B.Com (Digital)**  
**SKILL ENHANCEMENT ELECTIVE COURSE**  
**(SEC)**

**SEMESTER III**  
**(BCDB32304T): FUNDAMENTALS IN COMPUTER APPLICATION**

**MAX. MARKS: 100**

**EXTERNAL: 70**

**INTERNAL: 30**

**PASS: 40%**

**Credits: 4**

**Objectives:**

To provide computer skills and knowledge for commerce students and to enhance the student understands of usefulness of information technology tools for business operations.

**INSTRUCTIONS FOR THE PAPER SETTER/EXAMINER:**

1. The syllabus prescribed should be strictly adhered to.
2. The question paper will consist of three sections: A, B, and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. The candidates will attempt two questions from each section.
3. Section C will have fifteen short answer questions covering the entire syllabus. Each question will carry 3 marks. Candidates will attempt any ten questions from this section.
4. The examiner shall give a clear instruction to the candidates to attempt questions only at one place and only once. Second or subsequent attempts, unless the earlier ones have been crossed out, shall not be evaluated.
5. The duration of each paper will be three hours.

**INSTRUCTIONS FOR THE CANDIDATES:**

Candidates are required to attempt any two questions each from the sections A and B of the question paper and any ten short questions from Section C. They have to attempt questions only at one place and only once. Second or subsequent attempts, unless the earlier ones have been crossed out, shall not be evaluated.

**Section A**

Computer Fundamentals: Block diagram of a Computer, Characteristics of Computers, Hardware, Software, Machine Language, Assembly Language and Assembler, High Level Language and Compiler v/s Interpreter. Computer memories, Computer Network: LAN, MAN and WAN.

Word Processing : Introduction to word Processing, Word processing concepts, Use of Templates, Working with word document: Editing text, Find and replace text, Formatting, spell check, Autocorrect, Autotext; Bullets and numbering, Tabs, Paragraph Formatting, Indent, Page Formatting, Header and footer, Tables: Inserting, filling and formatting a table; Inserting Pictures and Video; Mail Merge: including linking with Database; Printing documents  
Preparing Presentations : Basics of presentations: Slides, Fonts, Drawing, Editing; Inserting: Tables, Images, texts, Symbols, Media; Design; Transition; Animation; and Slideshow.

**Section B**

Spreadsheet and its Business Applications : Spreadsheet concepts, Managing worksheets; Formatting, Entering data, Editing, and Printing a worksheet; Handling operators in formula, Project involving multiple spreadsheets, Organizing Charts and graphs

Generally used Spreadsheet functions: Mathematical, Statistical, Financial, Logical, Date and Time, Lookup and reference, Database, and Text function.

Creating spreadsheet in the area of: Loan and Lease statement; Ratio Analysis; Payroll statements; Capital Budgeting; Depreciation Accounting; Graphical representation of data; Frequency distribution and its statistical parameters; Correlation and Regression.

**Suggested Reading:**

1. Hunt, R., J. Shelley, *Computers and Commonsense*, Prentice Hall of India.
2. Sinha, Pradeep K. and Preeti Sinha, *Foundation of Computing*, BPB Publication.
3. Saxena, Sanjay, *A First Course in Computers*, Vikas Publishing House.
4. Leon A. & Leon M., *Introduction to Computers*, Leon Vikas Publications
5. N. Subramanian, *Introduction to Computers*, Tata McGraw-Hill.
6. Peter Nortorn, *Introduction to Computers*, Seventh Edition