I.T. Application in Business – I

Theory = 50
Practical U/A = 50
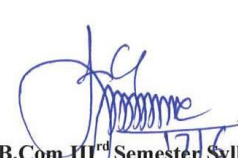
		No. of Lectures
Unit – 1	**C-LANGUAGE :** Introduction: Types of Languages – History of C language – Basic Structure – Creating – Compiling - Linking and Executing the C Program - Pre-processors in "C". Token- Constants- Keywords & Identifiers– Variables- Data types- declaration and assignment of variables – defining symbolic constants	(10)
Unit – II	**OPERATORS, EXPRESSIONS AND DECISION MAKING :** Introduction to Operator, Type of Operator, Arithmetic, Relational and Logical Operators, Assignment, Increment and Decrement of Operators – Conditional, bitwise and Special Operator, arithmetic expression and its evaluation – hierarchy of arithmetic operations – evaluations.	(08)
Unit – III	**CONTROL BRANCHING AND DECISION-MAKING IN C** - Decision Making in C, Introduction, if Statement, if-else Statement, Nested if Statement, if else if Ladder, switch case, GOTO statement.	(14)
Unit – IV	**LOOP** - Loop Introduction in C, while loop, do while Loop, for Loop with variations, Nested Loops, Loop interruption statement - break and continue.	(14)
Unit – V	**ARRAYS AND STRINGS:** - Arrays : Introduction - Defining an array - Initializing an array - One dimensional array – Two dimensional array - Dynamic array. Strings: Introduction - Declaring and initializing string variables - Reading and Writing strings - String handling functions.	(14)

Practical's U/A : 50 Marks

1. One Test	:	10 Marks
2. Oral	:	20 Marks
3. Practical's Files at least minimum (10 Programs in the file)	:	20 Marks

Reference Books :

1. Programming in ANSCI C: Balaguruswamy, McGraw Hill.
2. Programming in C: Ashok Kamthane, Pearson.
3. The C Programming Language: B.W.Kernighan & D.M.Ritehie, PHI.
4. Let Us C: Y. Kanetkar, BPB.
5. Fundamental of C : Dr Prasad Madan, Dr. Gajanan Chaudhari, Miss Ujjwala Wagh, Chinmay Prakashan, Aurangabad

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B.Com IIIrd Semester Syllabus (CBCS)
Goods and Services Tax Account (GST) – I