SARDAR PATEL UNIVERSITY
BBA (ITM) (II Sem.) Examination
Thursday, 20 February 2014
2.30 - 4.30 pm
UM02CBBI02 - Programming Languages

Total Marks: 60

Q.1	[A]	Explain High Level Languages with its advantages.	[05]
	[B]	Describe symbols used in flowcharting.	[05]
	[C]	Draw a flowchart to add 3 numbers.	[05]

OR

Q.1	[A]	Describe Machine Languages with its disadvantages.	[05]
	[B]	Define flowchart and algorithm. Write advantages of flowcharting.	[05]
	[C]	Draw a flowchart to generate 2,4,6,8,..,n.	[05]

Q.2	[A]	Describe following operators:	[06]
		1. Relational Operators 2. Conditional Operator	
	[B]	Describe Basic Data Types of C.	[05]
	[C]	Define Variable. List out the rules to define variable.	[04]

OR

Q.2	[A]	Describe following operators:	[06]
		1. Assignment Operators 2. Logical Operators	
	[B]	Explain Basic structure of C programs.	[05]
	[C]	Explain printf() and scanf() with suitable example.	[04]

Q.3	[A]	Give a list of decision making statements. Describe Switch statement.	[06]
	[B]	Write the concept of Looping. Describe while statement.	[05]
	[C]	Write a note on Simple If statement.	[04]

OR

Q.3	[A]	What is the need of Loop in programming? Explain For statement.	[06]
	[B]	Describe else...if ladder statement.	[05]
	[C]	Write a note on If...Else statement.	[04]

Q.4	[A]	Define array. Explain declaration of an array with suitable example.	[05]
	[B]	Describe strlen() and strcmp() with example.	[05]
	[C]	Write a program to add values of 1-D array having five elements.	[05]

OR

Q.4	[A]	Explain initialization of an array with appropriate example.	[05]
	[B]	Describe strcpy() and strcat() with example.	[05]
	[C]	Define function. Explain any two categories of function.	[05]

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