SARDAR PATEL UNIVERSITY
FYBBA-ITM 4 Years (Semester – II)
Programming Languages (UM02CBBI02)

Date: 02/4/2018, Monday   **Total Marks: 60**
Time: 2.00 p.m. to 4.00 p.m.

Q.1	[A]	Explain machine language with its advantages and disadvantages.	[08]
	[B]	Write an algorithm and draw a flowchart to calculate sum of two numbers.	[07]

OR

Q.1	[A]	Define algorithm and flowchart. Explain symbols of flowcharting.	[08]
	[B]	Explain High Level language with advantages and limitations of it.	[07]

Q.2	[A]	Describe assignment and arithmetic operators.	[08]
	[B]	Define variable. Explain rules for variable naming.	[07]

OR

Q.2	[A]	Explain relational and logical operators.	[08]
	[B]	Explain data types available in C.	[07]

Q.3	[A]	Explain IF and IF...Else statement with suitable example(s).	[08]
	[B]	Describe WHILE.	[07]

OR

Q.3	[A]	Explain SWITCH with appropriate example.	[08]
	[B]	Describe Else...IF Ladder statement.	[07]

Q.4	[A]	Define Array. Explain initialization and declaration of an array.	[08]
	[B]	Define Function. Explain needs of a user-defined function.	[07]

OR

Q.4	[A]	Explain categories of function.	[08]
	[B]	Write a program to multiply values of an array where size of an array is 10.	[07]