SC

[43 / A-51]

SARDAR PATEL UNIVERSITY
F.Y.B.B.A. (ISM) SEM - II EXAMINATION
2016
Friday, 1st April
02.30 p.m. to 04.30 p.m.
C Programming: UM02CBBS03

Maximum Marks: 60

Q.1.

  A. Write an algorithm for the following.   8
       1. To check whether the no is odd or even.
       2. To calculate area of rectangle.

  B. What is flowchart? Explain various symbols used in flowchart.   7

OR

Q.1.

  A. Draw a flowchart for the following.   8
       1. To find maximum number of two numbers.
       2. To check no is positive, negative or zero.

  B. Define Algorithm. Explain its characteristics and features of it.   7

Q.2.

  A. What is Assembly language? What are the advantages and disadvantes of High level languages?   7

  B. Write a short note on Editor.   8

OR

Q.2.

  A. What is Compiler? What is Interpreter? Write down the diference between Compiler and Interpreter.   8

  B. Write a short note on Machine level language.   7

Q.3.

  A. List the various Datatypes supported in C and explain any three with example.   8

  B. What is Variable? What are the rules for creating variable? Explain intialization of variable.   7

OR

Q.3.

  A. List out various operators supported in C language? Explain any three of them with example.   8

  B. Explain printf() and scanf() functions in detail.   7

Q.4.

  A. What is Array? How you can declare one dimensional array? Explain it with example.   8

  B. Explain If----Else if----Else statement with syntax and example.   7

OR

Q.4.

  A. Explain Switch Case statement with syntax and example.   8

  B. Explain For loop statement.   7

$$X = X = X$$