1st Sem / Artificial Intelligence & Machine Learning
Sub.: Programming Through C

Time : 3Hrs.   M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are
compulsory   (6x1=6)

Q.1   Which of the following is not C keyboard.

    a) If   b) Switch

    c) Else   d) Class

Q.2   Decrement operator "-----" decrease value of
    variable by what number

    a) 2   b) 3

    c) 0   d) 1

Q.3   In which year C was developed

    a) 1972   b) 1986

    c) 1995   d) 2001

Q.4   What is the extension of C file:

    a) .c   b) .java

    c) .txt   d) .class

Q.5 Every statement in C language should end with a?

a) Dot   b) Comma

c) Semicolon   d) Colon

Q.6 _____ is a _____ operator.

a) Arithmetic   b) Unary

c) Binary   d) Relational

SECTION-B

Note: Objective type questions. All questions are compulsory. (6x1=6)

Q.7 What is the purpose of Break statement.

Q.8 Write the syntax of For Loop.

Q.9 Define constant.

Q.10 Define structure.

Q.11 Define Local Variable.

Q.12 Name any two Arithmetic Operation.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Define Flow chart, Explain various symbols used in flowchart.

Q.14 Difference between call by value & call by reference.

Q.15 Write an algorithm to find factorial of a number.

Q.16 Explain the structure of a C program.

Q.17 Write a program to check whether the number entered is even or odd.

Q.18 Explain various forms of if statement.

Q.19 Explain Input/Output statement used in C.

Q.20 How comments are written in C.

Q.21 Explain relational & logical operators used in C.

Q.22 Define String. Explain any two string related functions.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 Difference between structure & union.

Q.24 Define array. Explain the use of multi dimensional array with the help of a program.

Q.25 Explain various types of loops available in C.