Roll No. ...................

**3rd Sem. / Computer, Computer**
**( For Speech and Hearing Impaired),ECE, ECE**
**( For Speech and Hearing Impaired)**
**Subject : Programming in C**

Time : 3 Hrs.                                           M.M. : 60

**SECTION-A**

**Note: Multiple Choice Questions. All Questions are**
**compulsory.                                      (6x1=6)**

Q.1     C is a combination of

   a)    Statements          b)   Functions

   c)    Variables           d)   All of the above

Q.2     Types of Integers are

   a)    Short               b)   Int

   c)    Long                d)   All of the above

Q.3     What is the extension of C file?

   a)    .html               b)   .c

   c)    .class              d)   .java

Q.4     Every statement in C should end with a

   a)    Dot                 b)   Comma

   c)    Semicolon           d)   Colon

Q.5     Which access specifier is used to indicate float data type

   a)    %d                  b)   %c

   c)    %f                  d)   %s

Q.6     How many bytes of memory does an Int data type takes
        for storage?

   a)    2                   b)   4

   c)    8                   d)   16

**Section-B**

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

Q.7     Symbol of address operator is _____(& or *).

Q.8     A function which call it self is called recursive function.
        (True/False)

Q.9     For loop is used for iteration. (True/False)

Q.10    The _____ symbol is used at the beginning of a
        flow chart.

Q.11    String is collection of number. (True/False)

Q.12    Increment operator is _____ (++/^^)

**Section-C**

**Note: Short answer type Question. Attempt any eight**
**questions out of Ten Questions.              (8x4=32)**

Q.13    Define Algorithm. Write an algorithm to fine average of
        three numbers.

Q.14    Write basic structure of C program.

Q.15    What is array? How it is declared?

Q.16    Write a program in C to find largest of three numbers.

Q.17    Define function and write four advantages of functions.

Q.18    Explain input / output statements available in C.

Q.19    What do you mean by relational operators in C? Explain with examples.

Q.20    Explain basic data types available in C.

Q.21    What are Pointers? List any four benefits of pointers.

Q.22    Differentiate between printf and scanf.

### Section-D

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

Q.23    Explain different data types used in C

Q.24    Explain the steps in development of a program.

Q25    Explain various loops available in C.