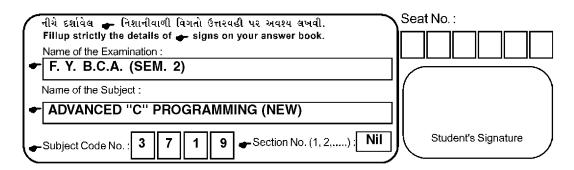# AC-3719

## First Year B. C. A. (Sem. II) Examination
### March / April – 2015
## Advanced "C" Programming
### (New Course)

Time : **3** Hours]                                        [Total Marks : **70**

**Instruction :**

નીચે દર્શાવેલ ☛ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
**Fillup strictly the details of ☛ signs on your answer book.**
Name of the Examination :
☛ **F. Y. B.C.A. (SEM. 2)**

Name of the Subject :
☛ **ADVANCED "C" PROGRAMMING (NEW)**

☛ Subject Code No. : | 3 | 7 | 1 | 9 | ☛ Section No. (1, 2,......) : **Nil**

Seat No. :

Student's Signature

1    Answer the following: (Any Seven)                      14

(1)    What is multidimensional array ?

(2)    Explain value and address operator.

(3)    Explain # define.

(4)    What is UDF ?

(5)    What is type def.

(6)    List the types of files.

(7)    Define NULL Pointer.

(8)    What is pointer ? Give one example.

(9)    Explain rewind ( ).

(10)    Explain enum.


2    (A)    Explain category of function with example.          7

**OR**

(A)    What is structure ? Explain with example and          7
       How can we declare structure variable ?

(B)    Explain Storage classes.                               7

**3** Explain any two :                                                                    **14**

    (1)   What is array ? How can pass array to uses define function ?

    (2)   Explain ftell ( ), fseek ( ) and fflush ( ).

    (3)   Define Union. Also give difference between structure and union.


**4** (A)   Explain call by value and call by reference with example.    **7**

    (B)   Explain bitwise operators.    **7**

                 **OR**

    (B)   What is recursive function ? Write a program to find factorial of a number using recursion.    **7**


**5** (A)   What is file ? Also explain reading and writting records operations to a file.    **7**

    (B)   Write a short note on pointer.    **7**

                 **OR**

    (B)   Explain # if, #endif, #else and # elif.    **7**

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