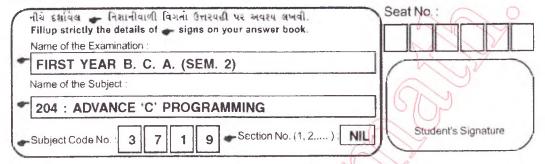# EB-3719

First Year B. C. A. (Sem. II) Examination
October/November – 2016
204 : Advance 'C' Programming

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 :
➜ FIRST YEAR B. C. A. (SEM. 2)

Name of the Subject :
➜ 204 : ADVANCE 'C' PROGRAMMING

➜ Subject Code No. : | 3 | 7 | 1 | 9 | ➜ Section No. (1, 2,....) | NIL |

Seat No. :

Student's Signature

1   Answer in brief : (any seven)   14

(1)   What is typedef?

(2)   How to initialize pointer?

(3)   Explain the concept of divide and conquer.

(4)   What is multidimensional array?

(5)   Explain bof.

(6)   What is slack byte?

(7)   Why #include directive is used?

(8)   Explain value and address operator.

(9)   Distinguish between (*m)[5] and *m[5].

(10) Explain enum.

2   Explain following : (any two)   14

(a)   Macro definition in detail.

(b)   Argument passing mechanism in user defined function with an example.

(c)   Pointer.

EB-3719]   1   [Contd...

3   Attempt following : (any **two**)   14

   (a)   Explain different elements of function.

   (b)   Why file handling is required? How to define file? How to open and close file? Explain with proper example.

   (c)   Write a short note on Union.

4   Explain following (any **three**)   15

   (a)   Bitwise operator.

   (b)   Recursion

   (c)   Storage class

   (d)   Structure within structure.

5   Do as directed :

   (a)   Write a program to create structure cricketer which   5
includes player_id, player_name, and score for five cricketers. Accept cricketer's detail and display name of cricketer whose score is highest.

OR

   (a)   Write a program to accept three number and   5
display sum of numbers using user defined function.

   (b)   Differentiate following :   8

      (i)   Array and structure.

      (ii)   Sequential access and random access.

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