SEAT No. :

PA-4204

[5954]-103A

F.Y. B.B.A. (CA)

CA - 103 : C LANGUAGE

(2019 Pattern) (CBCS) (Semester - I)

Time : 2½ Hours]   *[Max. Marks : 70*

Instructions to the candidates :

1) *All questions are compulsory.*
2) *Figures to the right indicate full marks.*

Q1) Attempt any Eight of the following (Out of Ten) :   **[8 × 2 = 16]**

a) Define token.

b) Explain break statement.

c) Define Structure.

d) What is Keywords?

e) Define Associativity.

f) What is pointer arithmetic?

g) Explain two dimensional array.

h) What do you mean by Variable?

i) Define string.

j) Explain the use of goto statement.

Q2) **Attempt Any Four of the following (Out of Five) :** [4 × 4 = 16]

   a)   Explain do ... while loop statement with syntax and example.

   b)   Explain briefly structure declaration and accessing member from structure.

   c)   Explain Logical operator with example.

   d)   Explain briefly print( ) and scanf( ) I/O functions used in C.

   e)   Write a program to find even number from Array.

Q3) **Attempt Any Four of the following (Out of Five) :** [4 × 4 = 16]

   a)   Explain switch statement in detail.

   b)   Explain Increment/Decrement operator.

   c)   What is Array? Explain.

   d)   Write a program to find factorial of a given number.

   e)   Write a program to find sum of first n numbers.

Q4) **Attempt Any Four of the following (Out of Five) :** [4 × 4 = 16]

   a)   What is function? Explain types of function.

   b)   State and explain any four string functions used in C.

   c)   Explain if .... else control statement.

   d)   Write a program to find maximum of 2 numbers.

   e)   Write a program to accept any number and display reverse digit of entered number.

Q5) **Write a short note on any Two of the following (Out of Three) :**

[2 × 3 = 6]

   a)   Pointer.

   b)   *for* Loop.

   c)   Data Types.

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