Seat No. ☐☐☐☐☐☐

0849

क्रय - 032

COMPUTER SCIENCE PAPER - II (NEW) (11246) UG-CS-112
'C' Programming - I

P. Pages : 3

Time : Two Hours

Max. Marks : 40

Instructions to Candidates :
1. Do not write anything on question paper except Seat No.
2. Answersheet should be written with blue ink only. Graph or diagram should be drawn with the same pen being used for writing paper or black HB pencil.
3. Students should note, no supplement will be provided.
4. All questions are compulsory.
5. Figure to right indicates full marks.

1. Attempt **any eight** (1 mark each). 8

   i) Preprocessor directives are used for -
      a) Macro expansion   b) File inclusion
      c) Conditional Compilation   d) All of these.

   ii) The two operators && and ¦¦ are.
      a) Arithmetic operator   b) Equality operator
      c) Logical operator   d) Relational operator.

   iii) C support how many basic looping constructs.
      a) 2   b) 3
      c) 4   d) 6

   iv) Which of the following is not keyword of 'C' ?
      a) Auto   b) Register
      c) Int   d) Function.

   v) A static variable by default gets initialized to.
      a) 0   b) Blank space
      c) 1   d) Garbage value.

   vi) Which of the following is an example of compounded assignment statement ?
      a) a = 5   b) a + = 5
      c) a = b = c   d) a = b

vii) What will be the output after the following program is executed ?

```
# include < stdio · h >
main ( )
{
int i;
float f;
f = 1234 · 0098 ;
i = f;
Printf ("% f % d", f, i) ;
}
```

a) 1234   1234 · 0098   b) 1234 · 0098   1234
c) 1234   1234   d) 1234 · 0098   1234 · 0098

viii) Which among the following is unconditional control structure.
    a) do - while   b) If - else
    c) goto   d) for.

ix) Operator have a precedence. A precedence determines which operator is.
    a) Faster   b) Takes less memory.
    c) Evaluated first   d) Takes no argument.

x) The single character input / output functions are.
    a) scanf ( ) and printf ( )   b) getchar ( ) and printf ( )
    c) scanf ( ) and putchar ( )   d) getchar ( ) and putchar ( )

2.   Attempt **any four** (2 marks each).   8

a) What is constant ?

b) What is use of break and continue statement.

c) Which are bitwise operator in C ?

d) What is use of getche ( ) function ?

e) What is preprocessors ?

f) Define array, How to declare one dimensional array ?

3.   Attempt **any two** (4 mark each).   8

    a)   Explain different data types used in C language ?

    b)   Which are the features of C ?

    c)   Explain the difference between '=' and '= =' operator explain with example ?

4.   A)   Attempt **any two** (3 mark each).   6

    i)   What is variable ? What are the rules for defining variable ?

    ii)   Explain conditional operator with example ?

    iii) Compare while loop and for loop with example ?

   B)   Explain scanf( ) function ?   2

5.   Attempt **any one** (8 mark each).   8

    a)   Explain for loop ? Write a program to print multiplication table using for loop.

    b)   Explain with suitable example.
       i)   Two dimensional array.
       ii)   Continue Statement.

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