SVKM INSTITUTE OF TECHNOLOGY, DHULE

Mid Sem Test I – September 2019

Course: First Year B. Tech	**Div: C/D/E**	**Sem: I**
Subject Name: CPC		**Subject Code: BTES104**
Max Marks: 20	**Date:-07/10/2019**	**Duration:- 1 Hr.**

Instructions to the Students:
1. **All questions are compulsory.**
2. **Calculators/Cell phones are strictly prohibited**
3. **Support your answers with appropriate figures if applicable**

	(Level/CO)	**Marks**

Q. 1   Attend following Multiple choice questions   **6**

1. Let x=5 then printf("%d%d%d", ++x, x++, ++x) will print _____   **Understand**
   1) 6 7 8   2) 6 6 8   3) 8 7 6   4) 8 6 6

2. What is the output of the following printf statement   **Application**
   Void main()
   {   char ch='A';
        ch=ch+32;
        printf("%c",ch); }
   1)   A   2) syntax error   3) a   4) 98

3. Which of the following is valid variable name   **Knowledge**
   1) 100 k   2) case   3) good work!   4) Donut

4. IDE means _____   **Understand**
   1) integrated debugging environment   2) integrated development environment

   3) iterative development engineering 4) iterative design engineering
5. Format specifier **%lf** is used for   **Knowledge**
   1) int   2) double   3) float   4) unsigned integer

6. What will be the final result of following expression, if con1 and con2   **Knowledge**
are false and con3 is true?
con1 && (con2 && con3)
   1) True   2) False

Q.2   Solve Any Two of the following.   **3 X 2**

(A)   C Program to calculate sum of 5 subjects ,find its sum and percentage   **Knowledge**

(B)   Write a program, algorithm & draw flowchart to calculate to area & perimeter of   **Application**
      circle.

(C)   Explain Compiler, Linker, Loader, Assembler with diagram.   **Application**

Q. 3   **Solve Any One of the following.**   **8**

(A)   Explain Operator, discuss any three operators with example and write their C code also.   **Evaluation**

(B)   Algorithm & Flowchart and C program to find Simple Interest and compound interest   **Evaluation**

*** Best Luck ***