

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Mid Semester Examination – Mar 2019

Course: F.Y.B.Tech(CSE)

Sem: II

Subject Name: Computer Programming in c

Subject Code: BTES204

Max Marks: 20

Date:- 14/03/2019

Duration:- 1 Hr.

Instructions to the Students:

1. Check that you have received a correct Question paper.
2. Assume suitable data if necessary and mention it clearly
3. Draw NEAT labeled diagrams wherever necessary

Q.1. Attempt following Questions

(1*6 = 6 Marks)

1. The _____ scans the entire C program and translates it as a whole into machine code
(a) Interpreter (b) Compiler
(c) Operating system (d) Assembler
2. The smallest unit that is used for memory storage is-
(a) Byte (b) Bit
(c) Nibble (d) baud
3. Which of the following is not a logical operator?
(a) ! (b) &
(c) && (d) ||
4. If 'a' is an integer variable, $a=5/2$, will return a value
(a) 2.5 (b) 3
(c) 2 (d) 0
5. Which of the following is not a C variable?
(a) Var123 (b) Var_123
(c) 123Var (d) X_123_Var
6. what will be the output for following program
#include<stdio.h>
void main()
{
int i=2;
int a=++i + i;
printf("%d\n",a);
}

- (a) 6 (b) 5
(c) 4 (d) compile time error

Q. 2. Attempt any **two** of the following (2*3=6 Marks)

A. In C program contains the following variable declarations

```
int i=1245; float j=3.14; char k='a';
```

Show the output resulting from each of the following printf statement

```
printf("%d %d %d\n", i,j);  
printf("%d %c", k,k);
```

B. Enlist the data types in c. also write the amount of size required to store the data type in the memory.

C. Explain increment & decrement operators with suitable example.

Q.3. Attempt any **one** of the following (1*8=8 Marks)

A. Explain structure of c program with suitable example

B. Take the distance in Kilometers (KM) as a input through keyboard, write a c program to convert & print distance in Meters (M) & Centimeters (CM)

END