

P4 (A11)  
Borade Sir

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Mid Semester Examination – Mar 2019

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

Subject Name: Computer Programming in C

Max Marks: 20

Date:- 14/03/2019

Sem: II

Subject Code: BTES204

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

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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 \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)

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