

PARUL UNIVERSITY
FACULTY OF IT & COMPUTER SCIENCE
BCA/ IMCA. Winter 2019 – 20 Examination

Semester: 2
Subject Code: 05101151
Subject Name: Advanced C Programming

Date: 09/12/2019
Time: 10:30 am to 1:00 pm
Total Marks: 60

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

Q.1 Answer the followings.**A. Write short notes.****(05)**

1. What is pointer?
2. What is structure?
3. What is main difference between structure and union?
4. What do you mean by call by reference?
5. What is fopen ()?

B. Multiple choice type questions/ Give the sentence true or false. (Each of 01 marks)**(10)**

1. What is the output of this program

```
void main()
{
    int a=b=c=10; a=b=c=50;
    printf("\n %d %d %d",a,b,c);
}
```

- [A] 50 50 50 [B] Compile Time Error [C] 10 10 10 [D] Three Garbage Value

2. What will be Output of this program?

```
void main( )
{
    int x []= {10,20,30,40,50};
    print f (" \n %d %d %d %d ", x [4] ,3[x]
,x[2] ,1[x] ,x[0]);
}
```

- [A] Error [B] 10 20 30 40 50
-
- [C] 50 40 30 20 10 [D] None of these

3. By default a function returns a value of type

A] int B] char C] void D] None of these

4. Which is valid string function ?

A] strpbk B] strlen C] strxfrm D] strtcut

5. What will be the output ?

```
void main ( )
{
    printf("%d",'B' < 'A' );
}
```

- A] Error B] 1 C] 0 D] None of these

6. The value obtained in the function is given back to main by using _____ keyword?

A) return B) static
C) new D) volatile

