Department of Computer Applications
PES University
Procedural Programming

Assignment 3

1.	To combine two conditions _____ operator is used. **Logical**	
2.	Suppose there are two conditions. We want if one of them is true then the whole result should be true. Which operator should be used? **|| or**	
3.	The operator that converts non-zero value to zero and zero to non-zero value is _____. **!**	
4.	The result of -13%5 is _____.	**-3**
5.	What is the value of y in y=(5>4)==1;	**1**
6.	Write the conditional operator	**?:**
7.	What is the operator of exponentiation?	**None**
8.	There can be a ++= shorthand assignment operator. **False**	

9.	What is the value of x and y after the snippet is executed? **10, 5**
	y=5;
	if(!y > 10)
	    x=y+3;
	else
	    x=y+5;	

10.	-- is a _____ operator.	**Unary decrement**
11.	_____ data type cannot be used with % operator.	**float**
12.	What is the output if num =40. num%10?printf("Hello"):printf("Hi %d", (num/100+num); **Hi 40**	
13.	a+=1 is equivalent to _____. **a=a+1**	
14.	Assuming the initial value of num as 10, what will be the value of num /= num /=2? **1**	

15.	What will be the value of 'a' if **2**
	int x=1, y=0, a;
	a=! !x+!y;	

16.	If a=2, what will its value be after –a * --a && --a || --a; **1**	
17.	If a=2, what will be its value after **if(a-- || --a || a--) a+=1;** **2**	
18.	If a=10, b=10, what will be the output of a++ + ++b? **21**	
19.	What is evaluated first in a for loop?	**Initialization statement**
20.	To use an else it is compulsory to use if. True or False **True**	
21.	Continue takes the control to the beginning of the switch statement. True or False **False**	
22.	What is executed first in a while statement? **Looping condition**	
23.	A floating-point value can be a part of the case statement in switch. True or False **False**	
24.	Which keyword is used to terminate a switch statement? **Break**	

25.	What is the output?
	
	In Else In main
		int i=3-, j=25%25;
		if(i=j)
		    printf("In if");
		else
		    printf("In Else");
		printf("In main");

26.	What is the output?
	
	12
		int I;
		for(i=1, i<=10; i++);
		    printf("%d",++i);

27.	What is the output?
	
	2 4 6 8 10
		int i;
		for(i=1, i<=10; i++)
		    printf("%d",++i);

28.	What is the output?
	
	2 1 0
		``c
		int i=2;
		do
		{
		   if(i<3)
		        printf("%d",i);
		} while (i--);
		``

29.	What is the output?
	
	No output
		``c
		int i=9;
		while(i++>9)
		     printf("%d",i);
		``

30.	What is the output?
	
	5 infinite times
		``c
		int I, x;
		for(i=1; i<=(9%2+i); i++)
		{
		     x=(i*3+i*2);
		     printf("%d",x);
		}
		``