

A.C.PATIL COLLEGE OF ENGINEERING, KHARGHAR, NAVI MUMBAI

UNIT TEST 1

SUB:-SPA 2014-15

MARKS:-20

NOTE: Attempt any four.

~~Q1.~~ What is an Algorithm? Explain the points to be considered while writing an algorithm.

~~Q2.~~ Write a program to display following pattern

```
1
2 2
3 3 3
4 4 4 4
```

~~Q3.~~ Find the output of following program

```
#include<stdio.h>
void main()
{
int x=10,y,z;
z=y=x;
y--x;
z=x--;
x--x-x--;
printf("x=%d\ty=%d\tz=%d",x,y,z);
}
```

~~Q4.~~ list all the operators and explain relational and bitwise operator.

~~Q5.~~ Write a C program to find out the smallest among three numbers.

~~Q6.~~ Write a C program to find Fibonacci series of a number.