

## ASSIGNMENT FOR THE SESSION 2014-2015

**Class: XI**

**Subject : Computer Science**

**Assignment No. 2**

1. Rewrite the following program after removing syntactical error(s) if any. Underline each correction.

(a) #include<iostream.h>

2

```
#define SIZE =10
```

```
VOID MAIN()
```

```
{
```

```
int a[SIZE]={10, ,30,40,50};
```

```
float x=2;
```

```
SIZE=5;
```

```
for(int i=0;i<SIZE;i++)
```

```
cout<<a[i]%x;
```

```
}
```

(b) #include<iostream.h>

2

```
#include<stdio.h>
```

```
#define int M=3;
```

```
void main( )
```

```
{ const int s1=10;
```

```
int s2=100;
```

```
char ch;
```

```
getchar(ch);
```

```
s1=s2*M;
```

```
s1+M = s2;
```

```
cout<<s1<<s2 ;}
```

(c) #include<iostream.h>

3

```
void main()
```

```
{
```

```
char a=65;
```

```
const int n;
```

```
n=10;
```

```
cout<<a/n;
```

```
n++;
```

```
cout<<char n;
```

```
}
```

2. What will be the output of the following program (Assuming all header files included)

```
void main()
{
    char a[]="PrE BoArd ExAM-2009";
    int i;
    for(i=0;i<strlen(a);i++)
        if(a[i]>=97 && a[i]<=122)
            a[i]--;
        else
            if(a[i]>='0' && a[i]<='9')
                a[i]=a[i-1];
            else
                if(a[i]>='A' && a[i]<='Z')
                    a[i]+=32;
                else
                    a[i]='#';
    puts(a);
}
```

2

(b)

```
void main()
{
    for ( int i=0; ++i<4; i++)
    {
        cout<<"DPS ";
        continue ;
        cout<< "School ";
    }
    cout<< i;
}
cout<< i;
}
```

3

```

void main()
{
int i=0,ua=0,ub=0,fail=0;

while(i<=5)
{
switch(i++)
{
case 1:

case 2: ++ua;

case 3:

case 4: ++ub;

default : ++fail;

}

}

cout<<ua<<" "<<ub<<" "<<fail;

}

```

2. (a) WAP to print n numbers of Fibonacci series . 4
- (b) WAP to count number of digits in any number (integer). 4
- (c) WAP to print the sum of the following without using mathematical formula. 4
- 1+(1+3)+(1+3+5).....
- (d) Write a program to count number of words in a given string (of sentence) that starts with consonant and print the count; 4

Example : In a string " Monday test class eleven" number of word that starts with consonant are 3 Note – Between words there may be more than one spaces