

ASSIGNMENT FOR THE SESSION 2014-2015

Class: XI

Subject : Computer Science

Assignment No. 3

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()
```

2

```
{
```

```
    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);
```

```
}
```

(b)

3

```
void main( )
```

```
{
```

```
for ( int i =0; ++ i<4; i++)
```

```
{    cout<<"DPS ";
```

```
    continue ;
```

```
    cout<< "School ";
```

```
cout<< i;
```

```
}cout<< i ;
```

```
}
```

(c)

2

```
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

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