

Atomic Energy Central School, Kakrapar

Confidence Examination, 2014-15

Class: XI

Subject Code No. 083

COMPUTER SCIENCE**Time allowed: 3 hours****Maximum Marks: 70****Instructions:**

- i) Some questions are having OR options, choose only one.
- ii) Please check that this question paper contains 5 questions in 4 pages.
- iii) Please write down the proper serial number of the question before attempting it's Answer.



- Q.No. (a) Express the advantages and limitation of IV Generation computers. [2]
1. (b) Write a short note on Memory Management of operating system. [2]
- (c) Compare SRAM and DRAM? [2]
- (d) Write steps to Restore a particular file from Recycle Bin? [1]
- (e) What is the role of Operating System in computer system? Name the types of Operating Systems. [2]
- (f) Give the Classification of C++ Data Types, with examples. [2]

Q.No. (a) Give the output for the following: (Ignore the header file etc.)

2. (i) #include<iostream.h> [2]

```
void main()
{ int number = 75, r = 0;
  r += number ++ / 5;
  int a = ++r + ++number;
  number = ++a - r--;
  int m = 2 * a + 3 * r;
  cout << a << "\t" << r << "\t" << m << "\t" << number << endl;
}
```

- (ii) for(int i = 11 ; i >= 1 ; i - = 2) [1]

```
{ for(int j = 1; j <= i ; j + = 2)
  cout << i << " ";
  cout << "\n";
}
```

- (iii) char s1[] = {"ICC Cup-2015!!"}; [2]

```
int total = 0, d = 0, e = 0;
for(int i = 0; s1[i] != '\0' ; ++i)
  if ( isalnum (s1[i] ) )
    total ++;
```

```

else if ( ispunct (s1[i] ) )
    d++;
else
    e++;
cout<< "Total =" << total<<"Punct = "<<d<<"Oth= "<<e<<endl;

```

[2]

(iv) #include<iostream.h>

```
void exch (int & x, int y)
```

```
{ int Temp= x;
```

```
    x = ++y + Temp;
```

```
    y= Temp + --x ;
```

```
}
```

```
void main()
```

```
{ int a=50, b=20;
```

```
    cout<<a<<" "<<b<<endl;
```

```
    exch(a, b);
```

```
    cout<<a<<" "<<b<<endl;
```

```
}
```

(b) Rewrite the following program after removing all errors, make underline each

[2]

correction.

```
#include<iostream.h>
```

```
void main();
```

```
{ int x
```

```
    cin>>x>>y;
```

```
    z= POW(x,y);
```

```
    cout<<z
```

```
    getch();
```

```
}
```

(c) Define the scope and life time of all the variables declared in the following program:

[2]

```
int x;
```

```
int main()
```

```
{ int a;
```

```
    void check(int);
```

```
    check(a);
```

```
}
```

[2]

