


```

void withdef(int HisNum=30)
{
    for(int i=20; i<=HisNum; i+=5)
        cout<<i << ",";
    cout<<endl; }

```

```

void Control(int & My Num) {
    MyNum +=10;
    Withdef(MyNum);
}
void main( )
{ int YourNum=20;
  Control(YourNum);
  withdef();
  cout<<"Number="<<YourNum<<endl;
}

```

5. Find the output of the following C++ program:

```

#include<iostream.h>
void repch(char s[])
{ for(int i=0; s[i]!='\0'; i++)
    { if(((i%2)!=0) && (s[i]!=s[i+1]))
      {
          S[i]='@';
      }
    }
  else if (s[i]==s[i+1])
    { s[i+1]='!';
      i++; }
    }
}
void main()
{ char str[]="SUCCESS";
  cout<<"original string"<<str;
  repch(str);
  cout<<"changed string"<<str;
}

```

6. Study the following program and select the possible output(s) from the option (i) to (iv) following it. Also ,write the maximum and the minimum values that can be assigned to the variable NUM.

- Assume all required header files are already being included in the programs.
- random(n) function generates an integer between 0 and n-1.

```

void main()
{ randomize();
  int NUM;
  NUM= random(3)+2;
  char TEXT[]="ABCDEFGHJK";
  for(int i=1; i<=NUM ; i++)

```

```

{   for(int J=NUM; J<=7; J++)
    cout<<TEXT[J];
cout<<endl;
}
}

```

- | | | | | |
|----|------|-------------|-----------|------------|
| i. | FGHI | ii. BCDEFGH | iii. EFGH | iv. CDEFGH |
| | FGHI | BCDEFGH | EFGH | CDEFGH |
| | FGHI | | EFGH | |
| | FGHI | | EFGH | |

7. Find and write the output of the following C++ programming code:

```

typedef char STRING[80];
void MIXITNOW(STRING S)
{   int size= strlen(s);
    for(int l=0;l<size-1 ; l+=2;)
    {   char WS= S[l];
        S[l]=S[l+1];
        S[l+1] =WS;
    }
for (l=1; l<size; l+=2)
    if(S[l]>='m' && S[l]<='U')
        S[l]='@';
}
void main()
{
    STRING Word="CRACKAJACK";
    MIXITNOW (word) ;
    cout<<Word<<endl;
}

```

8. What will be the output of the following program segment?

```

void main()
{   int a[6]={6,5,4,3,2,1};
    int l;
    for(l=5; l>=0;l--)
    {   cout<<a[l]; }}

```
