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Bsc(IT) (6th

Ans

```c
# include <stdio.h>
# include <string.h>
main ( )
{
int i, j, len2, numstr[100], numkey[100], numcipher[100];
char str[100], key[100], cipher[100];
printf ("Enter a string text to encrpt \n");
for (i= 0, j= 0; i< strlen (str); i++)
{ if (str[i] != ' ')
{
str[j] = toupper (str[i]);
j++;
}
}
str[j] = '\0';
for (i= 0; i< strlen (str); i++)
{
      Key
numkey[i] = str[i]-'A';
}
for (i= 0; i< strlen (str); i++)
{
numcipher[i] = numstr[i] + numkey[i];
}
```

```c
for (i=0; i < strlen(str); i++)
{
    if (numcipher[i] >25)
    {
        numcipher[i] = numcipher[i] -26;
    }
}
printf("One Time Pad Cipher text is \n");
for (i=0; i < strlen(str); i++)
{
    printf("%c" (numcipher[i]+'A'));
}
printf("\n");
}
}
```

N.

```
Enter a string text to encrypt
I am Isha
Enter key string of random text
sryouilhghgcv
One Time Pad Cipher text is
ARKWMPL

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Process exited after 20.14 seconds with return value 0
Press any key to continue . . .
```