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Security and Cyber laws

Type of Paper - Regular Endterm  
practical

Ratika

(1)

Ans 5-

Encryption using Caesar Cipher:-

def encrypt(string):

cipher = ""

for char in string:

if char == ' ':

cipher = cipher + char

elif (char.isupper()):

cipher = cipher + chr((ord(char) + 3 - 65) % 26 + 65)

else:

cipher = cipher + chr((ord(char) + 3 - 97) % 26 + 97)

return cipher

text = "Attack from North"

print("After encryption:", encrypt(text))

Rishi K

(2)

Decryption using Caesar Cipher

```
def decrypt(string):
```

```
    plain = ""
```

```
    for char in string:
```

```
        if char == " ":
```

```
            plain = plain + char
```

```
        elif (char.isupper()):
```

```
            plain = plain + chr((ord(char) - 3 - 65) % 26 + 65)
```

```
        else:
```

```
            plain = plain + chr((ord(char) - 3 - 97) % 26 + 97)
```

```
    return plain
```

```
← text = ""
```

```
    print("after decryption: ", decrypt(text))
```

RaviK<sub>7</sub>