RUBEN ROY BCA-6(B) Roll no. → 1121175 (59)

Q5. (Caeser Cipher)

```
def encrypt(text, s):
    result = ""
    for i in range(len(text)):
        char = text[i]
        if(char.isupper()):
            result += chr((ord(char)+ s-65) % 26 +65)
        else
            result += chr((ord(char)+ s-97) % 26+97)
    return result

def decrypt(text,s):
    result = ""
    for i in range(len(text)):
        char = text[i]
        if (char.isupper()):
            result+= chr((ord(char)-s-65) % 26 +65)
        else
            result+ = chr((ord(char)-s- 97) % 26+97)
    return result

text = "ATTACK FROM NORTH"
key = 3
print (encrypt(text,key))
print(decrypt("ATTACK FROM NORTH", key))
```

OUTPUT: DWWDFN IUR QRUWK