(4) ans OTP

```
import math,random
def funcotp():
    X = "0123456789"
    otp = ""
    for i in range(4):
        otp = otp + X[math.floor(random.random()*10)]
    return otp
if __name__ == "__main__":
    print("otp is ", funcotp())
```

OP → 2643

(1) ans. (a) Create a google a/c to access to many google products.

* Go to official site google a/c for sign in.
* Create your google a/c by filling details
* Creat Pass. for a/c.
* A/c create successfully. Email is Pawan149@gmail.com

(b) Change Google password.

⇒ Password should be unique
⇒ Pass. should have special characters.

* login google a/c
* click security option

Pawan

* Click on Password
* First right your current Pass..
* Now, reset your current password and re-enter it.
* Click on change password.
* Password changed successfully
  Password is "NuE@269n.

(5) ans. //encrypt. 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 encrypt.",encrypt(text))
```

//decryption

```
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)
```

Ans

```
        else:
            plain = plain + chr((ord(char) - 3 - 97) % 26 + 97)
    return plain
text = "                "
print("after decryption:", decrypt(text))
```

Output:

~~Performing~~.

Plain text: Attack from north

encrypted text: Dwwdfn iurp qrwk

decrypted text: Attack from north