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Answers

Ans 1 Public key of sender and private key of Reciver

Ans 2 Spyware

Ans 3 An Authentication of an electronic record

Ans 4 Name of Hash

Ans 5 Only an alphanumeric.

Ans 6 Ideas is same content is diffrent.

Ans 7 Hash value

Ans 8 The identity of the character is change ~~in spite~~ while its position remain unchanged

Ans 9 both b and c

Ans 10 Possibility of replacments

Ans: Rahul Singh Shah - 1121105 (24)

3 Security aspects of the google account

Create a google account to access many google product

Step 1: Go to the official site of google account for sign in

Step 2: Click on create account and create your google account by filling necessary details.

Step 3: Create Password for your account.

Step 4: Account created Successfully.

Manage your Google account Password

1. Password should be unique
2. Password should have special characters

Step 1:- log in to your google account

Step 2:- Click on Security option

Step 3:- Now, click on Password

Step 4:- First you have to enter your current Password for verification.

Step 5. Now, subt your current password and then enter it.

Step 6. Click on change password

Step 7. Password change successfully.

2) Check google privacy policies

Step 1 login to your google account

Step 2 Go to google privacy policies & check the policies associated with it.

Step 3 - Google privacy policy

a. Privacy Remainder

b. Third party sites & apps with access to your account

c. See, Control & delete the information.

d. Change privacy settings

e. Download your data

f. Make your account more secure.

g. use google smart lock.

3) Check for account Security

Step 1 - Log to your google account

Step 2 - Go to help option

Step 3 - following options comes under help

a) Help with common issues (control and remove data)

b) Guiding steps for adding privacy, account protection & finding your device.

c) Discuss your problem related to your google account

d) you can report your issues & get solution for that.

e) You can also give feedback.

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Ex 3

```
def generatekey(string, key):
    key = list(key)
    if len(string) == len(key):
        return(key)
    else:
        for i in range(len(string) - len(key)):
            key.append(key[i % len(key)])
    return("".join(key))
def cipher text(string, key):
    cipher_text = []
    for i in range(len(string)):
        x = (ord(string[i]) + ord(key[i])) % 26
        x += ord('A')
        cipher_text.append(chr(x))
    return("".join(cipher_text))
def original text(cipher_text, key):
```

```
orig_text = []
for i in range(len(ciphertext)):
    x = (ord(ciphertext[i]) - ord(key[i]) + 26) % 26
    x += ord('A')
    orig_text.append(chr(x))
return("".join(orig_text))

if __name__ == "__main__":
    string = "cryptography"
    keyword = "Monarchy"
    key = generatekey(string, keyword)
    ciphertext = ciphertext(string, key)
    print("ciphertext(string, key)
    print("original/Descrypted text", originaltext(ciphertext, key))
```

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Ans 4

```
import Math

def generate_OTP():

String k = '0 1 2 3 4 5 6 7 8 9'
OTP = "  "

for i in range (6)

OTP = OTP + k [Math.floor (random() *10)]

return otp

if __name__ == '__main__':

print ("your one time password is", generate_OTP())
```