Multiple choice question

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1)- c. Public key of sender & private key of reciever.

2)- c. Spyware.

3)- c. An authentication of an electronic record.

4)- d. NONE.

5)- a. only on alphanumeric.

6)- b. Ideas is same, content is different.

7)- a. Hash value.

8)- b. The identity of the character is changed while its position remains unchanged.

9)- d. both b and c. (to make even no. of letters, to make diagraph)

10)- c. Possibility of replacements.

Ans1

3 security aspects of the Google account

1) Create a Google Account to access to many Google products

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

1) Change 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, Reset your current password and then enter it.

step 6:- click on change Password.

step 7:- Password changed successfully.

2) Check Google Privacy Policies

Step 1:- Log to your Google Account

Step 2:- Go to Google Privacy Policies & check the policies associated with it.

Step 3:- Google Privacy Policies

a. Privacy Remainder

b. Third-Partysites & 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 recover data)

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

c) Discuss your problems related to your google account

d) You can report your issues & get solution for that

e) You can also give feedback.

Ans 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 ciphertext(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 originaltext(ciphertext, key):
    orig_text = []
    for i in range((len(ciphe_text))):
        x = (ord(cipher_text[i])-ord(key[i])+26)%26
        x += ord('A')
```

```
        orig_text.append(chr(n))
    return("".join(orig_text))
if __name__ == "__main__":
    string = "cryptography"
    keyword = "Monarchy"
    key = generateKey(string, keyword)
cipher_text = cipherText(string, key)
print("Cipher text:", cipher_text)
print("original/Decrypted text:", originalText(cipher_text,
    key))
```

Information Security & cyber Laws

End term Exam

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Ans 4

```
Import math
def generate_otp():
string x = '0 1 2 3 4 5 6 7 8 9'
otp = " "
for i in range (6)
otp = otp + x [math.floor (random() * 10]
return otp
if __name__ == "__main__":
printf ("your one time password is", generate_otp())
```