Om Sah
1121096 (15)
BCA 6th B

◉ Info. Security and Cyber Laws

Ans 1 ⇒ (c) Public key of sender and private key of reciever.

Ans 2 ⇒ (c) Spyware

Ans 3 ⇒ (c) An authentication of an electronic record

Ans 4 ⇒ (d) None of these

Ans 5 ⇒ (a) Only an alphanumeric

Ans 6 ⇒ (b) Ideas is same, content is different.

Ans 7 ⇒ (a) Hash value

Ans 8 ⇒ (b) the identity of character is changed while its position remains unchanged.

Ans 9 ⇒ (d) both b and c make ~~from~~ no. of letters.

Ans 10 ⇒ (c) Possibility of replacements.

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Ans 4 ⇒

```
import math

def generate_otp():

    String x = '0123456789'

    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())
```

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 original_text(cipher_text, key):

    orig_text = []

    for i in range(len(cipher_text)):

        x = (ord(cipher_text[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 = generate key ( string , keyword)

Cipher - text = cipher Text ( string , key)

print (" Cipher text :" , Cipher - text )

print (" original Decrypted text :" , original text

( cipher - text , key) )
```

Ans 1 ⇒ Three Security aspects of Google Account are:-

a) Create a Google Account to access to many Google Products.

Step 1 - Go to official site of Google Account for Sign in.

Step 2 - Click on Create Account and create your google account by felling necessary details.

Step 3 - Create password for your account.

Step 4 - Account Created Successfully.

ⓐ Change Your Google Account Password.

- Password should be unique.
- 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 re-enter it.

Step 6 - Click on change password.

Step 7 - Password changed successfully.

(b) Check Google Privacy Policies

Step 1 - Log in to your Google Account.

Step 2 - Go to google privacy policy and check the policies associated with it

Step 3 ⇒ Google Privacy Policies

(a) Privacy Remainder

(b) Third party sites & apps with access to your Account.

(c) See control & delete the info.

(d) Change Privacy settings.

(e) Download your data.

(f) Make your Account more secure.

(g) Use google smart lock.

(h) Check for Account Security.

Step 1 ⇒ Log to your google Account.

Step 2 ⇒ Go to help option.

Step3 :) 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 and get sol. for that.

(e) You can also give feedback.