NAME : SURAJ THAPLIYAL

ROLL NO.= 1121153

SUBJECT = INFORMATION SECURITY AND CYBER LAW (PEC-601)

DATE = 15-6-2021

## MCQ

Q1.

Ans (b) Asymmetric key encryption with sender public key

Q2

Ans (c) SPYWARE

Q3

Ans (c) An authentication of an electronic record

Q4

Ans (c) cyber laws

Q5

Ans (a) only on alphanomeric

Q6

Ans (d) Idea is same title is different

Q7

Ans (a) hash value

Q8

Ans: (b) The identity of the character is changed while its position remains unchanged

Q9

Ans (d) both b and c

Q10

Ans (c) Possibility of replacements.

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Q1.

Ans. A google account is one basis for accessing all the google services products and applications many of them are free to use. By providing our personal detail we can created a google account to sing. in easily any where.

→ go to offical website of google

→ click on create account & put necessary details.

→ create password

Your account is created succesfully

Security Aspect:

① Control what other see about Google services

Step1: Log in to your account

Step2: Go to g personal Info option

Step3: Click on About me.

Step4: You have many option to change like Your Date of birth, Grendor etc

Step5: Apply privacy on your personal details

Step6: Privacy Applied successfully.

(2) see control and delete the info in your google acct.

Step 1: log in to Your account

Step 2: Go to dashboard

Step 3: Now, You can see same popular services like Gmail, Activity data like location history etc.

Step 4: You have also more ways ~~to~~ to control Your data like security check up

Step 5: Now, make some changes to your google services

Step 6: Changes done successfully

(3) Check for Account Recovery

Step 1: Log in to Your google account

Step 2: Go to security option.

Step 3: click on Recovery phone & Email one by one

Step 4: First You have to sign in again to Your Google Account for verification

Step 5: Now You can Recover Your account by adding phone Number and Email one by one.

Step 6: By adding this, You can recover Your account easily

Step 7: Account Recovered succesfully.

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Python

04

Ans. 4 digit Numeric OTP

```
# import Library
  import math, random
# Function to generate OTP
  def generate OTP():
  # Declare a digits variables
  # which stores all digits
      digits = "0,1,2,3,456789"
      OTP = " "
    "length of Password can be changed"
    "by changing values - in rang."
      For i in range(4):
      OTP+ = digits [math. Floor(random. random(1*10)]
        return OTP
      # Driver code
      if ---- name --- == "---main---":
          Print ("OTP of 4 digits:", generate OTP())
```

Output

OTP of 4 digit : 3233

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Qs.

Ans. Encryption using Caesar cipher:

```
def encrypt (string);
  cipher = " "
  for char in string
    if char == ' ':
      cipher = cipher+char
    elif char.isupper():
      cipher = cipher + char((ord(char)+3-65)%26+65);
    else:
      cipher = cipher +chr((ord(char)+3-97)%26+97);
    return ciphir
  text "Attack from North"
  print("after Encryption:", encrypt(text))
```

Decryption using caser cipher

```
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)
```

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