Name - Sailesh Mahar
Course - BCA 6th 'B'
Roll no - 1121118 (35)
Sub - ISCC (PBC-601)

1. Asymmetric key encryption with sender public key
2. c ~~Spyware~~ Spyware.
3. An authentication of an electric record
4. Cyber laws
5. a only on alphanumeric
6. Idea is name title is different
7. a hash value
8. The identity of character is changed with its position
9. Both b and c
10. Possibility of replacements.

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Sub - Information Security

Sub code :- PBC 601

Python

4 digit Numeric OTP

```
# import library
import math, random

# function to generate OTP
def generate OTP():

    # Declare a digits variable
    # which stores all digits
    digits = "0123456789"
    OTP = " "

    " length of password can be changed "
    " by changing value in range"

    for i in range (4):
    OTP += digits [math. floor (random. random() * 10)]
    return OTP

# Driver code

if __name__ == "__main__" :
print ("OTP of 4 Digits:", generate OTP())
```

Output

OTP of 4 Digit : 3211

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5.

```
def encrypt (string):
    Cipher = " "
    for char in String :
        if char = = " ":
            Cipher = Cipher + char
        elif char.is upper():
            Cipher = Cipher + char((ord (char) + 3 + 65) % 26 + 65)
        else :
            Cipher = Cipher + Chr ((ord ((char) + 3 - 97) % 26 + 97)
    return cipher

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.is upper():
            plain = plain + Chr (ord (char) - 3 - 65) % 26 + 65)
```

```
else:
    plain = plain + chr((ord(char)-3-97)%26+97)

    return plain

← text = "                    "
← print(" after decryption :", decrypt(text))
```

Scanned with CamScanner

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Sub ISCL CPSC-6017
Date - 15/10/21

1. Security aspect of Google account.

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 sign in easily anywhere.

→ go to official website of google
→ click on create account & put necessary details.
→ create password
→ our account is created successfully.

Securing Aspect:

① control what others see about Google services
step 1: Log in to your account
Step 2: Go to personal info option
Step 3: Click on About me.
Step 4: You have many option to change like your Date of birth, Gender etc.
Step 5: Apply privacy on your personal details.

Step 6: privacy Applied successfully

(2) See control and delete the info in your google account.

Step 1: Log in to your account

Step 2: Go to dashboard.

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

Step 4: You have also more ways to control your data like security check up.

Step 5: Now, make some change 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 successfully..