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Subject Name: - Information Society and Cyber Laws
Subject Code: - PBC 601.

MCBs:

1- Asymmetour key enoughtion with serder public key.

2- spyware

3- an authentication of an electronic second.

4- cyber daws.

5- only on alphanumeuic data.

6- Idea Es same, Title Es défférent.

7- Checksum.

8- \$ option (a) and (c) are right.

9- both (b) and (c)

10- none.

1. Possiblem Statement:

Analyze the security aspects of your Google

Account.

Objective: A google account is the key to accessing all of Google's possiblent and seewes so, main objective is to control the Byonnation for Google account holder.

(A) Create a Google Areount to access to many Google products.

Step!: Go to official lite of Google account for cign-in.

Step2: Click on viedte account and create your google account by filling necessary details.

Step3: Create password.

Step4: Account orealed successfully.

Ny enail 2d is \$52303200120 gmont.com.

(B) Change your Google Account Password.

Step l: Add or update successing phone number and email address are powerful sownity and email address are powerful sownity tools. Alord you If there's surprisons activity on your account.

Step 2: Verification helps present a tracker from getting Bute your account, ever of they stead your parword. To avoid common phicking - Judingun associated with ted mig ades, chance a stronger enough violepristion step. (3) County keys. (21) Courity prompts. Step 3: Update your browser. (3) Nate swe you're using the latest version of brouser. (°ii) update Android devices. (30) update chrome books. Ttep 4: Use unique elorong password. The suity to use the same password on multiple wiles. If your password for one set Es tracted, It could be used to get into your accounts for multiple sites. Make sure to create a strong password, engue pousword for each account.

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4- OTP.
  # Choude - stdis. h7
  # include = ctype. hr
  # thouse = string. h7
  In main ()
   char plainted [100], otp [100];
    pound (" cirter plantext: ");
    fflush (stdin);
    fgets (plaintet, Street (plaintext), stdin);
   pound (" arten otp-det of length of od) no,
   ffush (stain);
   fgets (otp, Street (otp), stdin);
   for ( EN =0; 82 storten (plaintet); i++)
        9/ (Eupper (plaintet [:])
          otp[?] = toupper (otp[?]);
           of (plaintet[i] +(otp[i] - 'A') > z')
             { plaintet[?] = plaintet[?]+(ofp[?]-
                'A' )- 26; 4
```

```
34 (plainted [9] + (otp[1] - 'A') <= 'z') { plainted [9] =
    plainter [i] = plainter [i] + (offij - A'); }
else g ("ulower (plaintet[?]))
     cotp[?] = to lower (otp[?]);
( plantati) + (off[i]-'a') > 'z') of plaintati]=
  plaintet [i] + (otp[i]-'a'-26;]
2/ (plainter[i] + (otp[i]-'o') == 'z') { plainter[i] =
   plainted [:] + otp[:] -a'); 3
else { plaintet [i] = plaintet [i];}
pecint (" cyphen - led is \t'/.s\n', plaintet);
sietuun 0;
```

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5- Encryption using caesar appear:
  def enought (storing);
   aphen = "
  for char In string;
     Spher = cipher + char
    ely chan. Essuppor ();
       cipher = cipher + char ((od (char.) + 3-65) 1/26
                        +65);
      Olse:
     aphen = aphen + cher ((ord (char) + 3-97) %26
     networ ciphon
 Text = 4 Attack from Neoth 1
  pount (" After enceyption: " enceypt (lext)).
   Decuption using caesar Ciphen :-
   det decrypt (string):
       plain = "
        for char in string.
           af choin = = 1 1/:
plain = plain
               plain = plain + char
```

ely char. Esupper ():

plain = plain + chr (ord (char) - 3-65) 1/-26+65)

else;

plain = plain + chr ((ord (char) - 3-97) 1/-26

+ 97)

sietuur plain

text = "

pourt (" Afren deuryphion: 1, dreupt (Jent)).