Name - Gulnaaz

Rollno - 1121055

Course - BCA Sec - A Sem-6

Sub - Info security and cyber law

MCQ

1) Asymmetric Key encryption with Sender Public Key
2) Spyware
3) An Authentication of an electronic record
4) Cyber laws
5) Only on alphanumeric
6) Idea is same title is different
7) Hashvalue
8) The identify of character is changed while its position remain unchanged
9) both b and c
10) Possibility of replacement

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Ans 1

i) Do a Security checkup

Go to Security checkup to get personalized Security recomendations for your google account including

-> Turn on 2 - Step varification

-> Turn on Screen locks

-> update account recovery options

ii) update your Software

In your browser, operating system, or apps are out of data the software might not be safe from hackers

-> update your browser, app & opperating system.

iii) Use unique, strong Passwords

Its risky to use use the same passwords or multiple sites. If password for one Site is leacked it could be used to get into your accounds for multiple - sites

-> Manage your password

-> Protect your Password from hackers

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Ans - 4

```
  # import library
  import math. random
 # function to genrate OTP
  def genrate OTP();
        # Declare a digit variable
        # which stores all digits
        digits = "0123456789"
        OTP = "   "
      # length of password can be changed
      # ~~which~~ ~~by~~ by changing value in range
      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:", genrate OTP ()]
```

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Answer 5:

Encryption using Caesor Cipher:

```
dy encrypt (string);
cipher = "   "
for char in string;
    If char == ('';
        cipher = cipher + char
  elif char.isupper():
      cipher = chiphes+ 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))
```

decrption using Caser Lipher:

```
dy 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))
```