Name = Manisha Rathwal
Subject Code = TBC 601
University Roll No = 1121080
Subject = Information Security
Course = BCA Sec 'C'
Sem = VI

MSQ Answers

1) Asymmetric key encryption with sender public key.
2) Spyware
3) An authentication of an electronic record
4) Cyber Security
5) only on ASCII coded data
6) All
7) hash value
8) The identity of character is changed while partition
9) To Make even no of letters
10) Total length of word.

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Ans 1- Three security aspects of the Google accounts

Step 1- Go to security checkup to get personalized security recommendations for your Google Account, including:

1. Add or Update Account Recovery options:

Your recovery phone number and email address are powerful security tools. This contact info can be used to help:

* Block someone from using your account without your permission.
* Alert you if there's suspicious activity on your account.
* Recover your account if you're ever locked out.

2- Step Verification helps prevent a hacker from getting into your account, even if they steal your password.

* Security Keys
* Google prompts.

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4Ans

4- Digit Numeric OTP

```
# Import Library
  Import math, random
# function to Generate OTP
  def generateOTP():
# Declare a digits variable
# which stores all digits
      digits = "0. 1 2 3 4 5 6 7 8 9"
      OTP = " "
''' length of password can be changed
66: by changing value in range '''

  for 9 in range(4):
    OTP += digits [math.floor(random.
                    random() * 10)]

    return OTP.
# Driver Code
if __name__ == "__main__":
  Print ("OTP of 4 Digits:", generate OTP())
```

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Ans 5 =

```
#include <stdio.h>
#include <string.h>
int main()
{
char message = "ATTACK FROM NORTH";
ch message;
int i, key;
printf("Enter key :");
scanf("%d", &key);
for (i=0; message[i] != '\0'; i++)
{
ch = message[i];
if (ch >= 'a' && ch <= 'z')
{
ch = ch + key;
if (ch > 'z')
{
ch = ch - 'z' + 'a' - 1;
}
```

```
if (ch < 'A')
{
ch = ch + '2' - 'A' + 1;
}
message [i] = ch;
}
printf ("decrypted message is %s", message);
return 0;
}
```