

course B.C.A

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Exam name - Information System

paper code - TBC - 601

Descriptive Answers

Answer 11 Three Security aspects of the google account

1- Add or update Account recovery option

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 any permission
- Alert you if there suspicious activity on your account

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

3- Use Unique strong password
it is risky to use the same password on multiple sites

Always ahead.

Answer 4 program to implement
OTP

```

import math, random
def generate OTP():
    digits = "0123456789"
    OTP = ""
    for i in range(4):
        OTP += digits[math.floor(random.
            * random (10))]
    return OTP
if __name__ == "__main__":
    print("OTP of 4 digit",
        generate OTP())
    
```

Answer 5

```

def encrypt(text, n):
    result = ""
    for i in range(len(text)):
        char = text[i]
        if (char.isupper()):
            result = result + chr((ord(char)
    
```


+ h - 65) % 26 + 65)

else:

result = result + chr(ord(char) +

h - 97) % 26 + 97)

return result

Text = "ATTact From North"

print "Text:" + Text

ciper = encrypt (Text, 3) // Encrypt

print "ciper:" + ciper

print "Deciper:" + decrypt (ciper, 26-3)

// Description

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