

Experiment - 03

Total points 6/6 ?

Implementation and analysis of RSA cryptosystem and Digital signature scheme using RSA.

Roll No *

18C063 ▼

Name of Student *

SHAikh TAUSEEF MUSHTAQUE ALI

✓ RSA Algorithm in Cryptography is _____. *

 2/2

- ☐ Symmetric Key
- ☐ Private Key
- ☒ Public Key
- ☐ Single Key



✓ The server encrypts the data using client's _____ and sends the encrypted data. *

 2/2

- ☒ Public key
- ☐ Private key
- ☐ Protective key
- ☐ Encryption key



✓ What is not correct for e? *

2/2

- ☐ Choose a number e less than n
- ☒ n should not relatively prime to $(p - 1) \times (q - 1)$
- ☐ e and $(p - 1) \times (q - 1)$ have no common factor except 1.
- ☐ Choose "e" such that $1 < e < \varphi(n)$



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