

St. Mira's College for Girls, Pune
(Autonomous-Affiliated to Savitribai Phule Pune University)

Class-T.Y.B.Sc(C.S)
Subject: Computer Networks-II
Subject Code:BS61703
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Year: 2019-20

All Units - focusing on Skill Development, Employability and Entrepreneurship

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Supplement No.
 Roll No. :
 St. Mira's College For Girls, Pune - 1.
Shradha B. Bhujbal
5603 TYBSc

Unit-I

- q1) FQDN & PQDN
- q2) Diff. component of web browser
- q3) Difference Purpose of VA & MTA
- q4) Differences betw. FTP & data connection
- q5) Components of URL
- q6) 2 fundamental cryptographic principles.
- q7) VPN
- q8) Diff. services provided by network security.
- q9) Diff. betw. cipher & transpositional cipher techniques
- q10) Diff. types of cryptographic algorithms.

q1) FQDN - Fully Qualified Domain Name.
The FQDN consists of the whole path. It follows path from node up to the root. The root node is null or empty string. Eg: pg.myscollege.edu.

PQDN - Partially Qualified Domain Name

q8) The different services provided by network security are:-

- 1) Confidentiality
- 2) Integrity
- 3) Entity
- 4) Authentication

q9) Cipher

- 1) Same key used
- 2) The key is kept private
- 3) Encryption & Decryption is easy

Transpositional cipher

- 1) Different keys are used.
- 2) The key is known to all i.e. public
- 3) It is difficult to encrypt & decrypt data

q10) Different types of cryptographic algorithms are:-

- 1) Encryption
- 2) Decryption
- 3) Caesar cipher

Asst. Prof. Alka B. Kalhapure
Subject Teacher



Principal Incharge
St. Mira's College for Girls