Candidates are required to give their answers in their own words as far as practicable.
The figures in the margin indicate full marks.

Attempt all the questions.

1.a) Explain the protocol standards with example.
  b) What do you mean by Routing? Explain with example.
2.a) Explain the process of online sever upgrade.
  b) Explain steps of server and client installation.
3.a) Explain the network interface configuration.
  b) Explain the DHCP server configuration.
4.a) How can you secure the DNS server? Explain.
  b) Explain the DNS principle and operations.
5.a) What do you mean by virtual hosting? Explain with example.
  b) Explain the proxy-Authentication Mechanisms.
6.a) Explain the NFS client configuration with example.
  b) Explain the process of CUPS configuration.
7. Write short notes on (any three):
  a. MySQL
  b. IPv6
  c. HTTP caching
  d. SCP
  e. SPAM control

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