

Q.P. Code : 842201

(3 Hours)

[Total Marks : 80

- N.B. :** (1) Question No.1 is **Compulsory**.
(2) Solve **any three** from the remaining questions.

1. Attempt the following 20
 - (a) Explain the MPLS Services and Component.
 - (b) Give overview of VPN from Layer 2 and 3 prospective.
 - (c) Explain QoE in NGN
 - (d) Explain the concept of SDR and Cognitive Radio

 2. (a) Classify the Wireline NG Technologies and Explain any one in detail. 10
(b) Draw the TISPAN Architecture and explain in detail. 10

 3. (a) What is VOIP ? Compare VOIP V4 and V6 in detail. 10
(b) Explain name, numbering, and addressing schemes in NGN. 10

 4. (a) Explain migration of PSTN system to NGN. 10
(b) Explain Fixed Mobile Convergence in detail. 10

 5. (a) Explain service Convergence in NGN. 10
(b) Explain transition of IP networks to NGN. 10

 6. Write **any four** Short Notes on Followings: 20
 - (a) AAA Schemes in NGN
 - (b) FTTH Concept
 - (c) IPTV
 - (d) NGN Evolution
 - (e) NGN Drivers
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