

Q. P. Code: 25231

Time: 3 Hours

Marks: 80

N.B. (1) Question No.1 Compulsory

(2) Solve any three from the remaining questions

1. Attempt the following 20
- (a) Compare IPV4 and IPV6 based NGN
 - (b) What are the key features of NGN?
 - (c) Explain QOS in NGN. How it is different then QOE?
 - (d) Why we need MPLS?
2. (a) Draw IPTV architecture and explain it in detail. 10
(b) Explain cognitive radio with its types. 10
3. (a) Explain Fixed mobile convergence (FMC) in NGN. 10
(b) Explain AAA scheme in NGN. 10
4. (a) What are the ID's used in TISPAN NGN? How NGN ID's are administered? 10
(b) Explain migration of PSTN networks to NGN. 10
5. (a) Explain packet flow through the network in MPLS based VPN. 10
(b) What are factors which act as drivers towards NGN? 10
6. Write short note on(any two) 20
- (a) FTTH
 - (b) EVDO
 - (c) NGN Evolution
 - (d) VOIP
