

Q. P. Code:-17036

Note1) Q1 is compulsory .Answer any three from remaining questions

2) All question carry equal mark

Q1. Answer any four

20

- Write a short note on Bluetooth security
- Advantage and Disadvantage of DWDM
- Write a short note on virtual private network
- With the respect to network management explain the OAMP
- Draw and Explain the ATM cell Format

Q2. (a) Explain ATM adaptation layer with respect to service and protocol 20

- Explain the DWDM technology in detail, with a neat schematic diagram of DWDM architecture .

Q3 (a) Explain in detail SNAT and DNAT.

20

- Draw and Explain IEEE802.15.4 LR – WPAN device architecture

Q4 (a) Draw and Explain frame format of frame relay and address fields how it provides congestion control and quality of service 20

- Draw and Explain the frame format of STS -1

Q5(a) What is Firewall ? What are the capabilities and limitation of firewall? Discuss the different types of firewall 20

- write a short note on SNMP

Q6 (a) Write a short note on Packet Filtering and Port Forwrding 20

- Explain Network Security Safeguards in detail