

**DECEMBER 2021**

**P/ID 40552/PCI1B**

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Time : Three hours

Maximum : 80 marks

SECTION A — ( $10 \times 2 = 20$  marks)

Answer any TEN questions in 50 words each.

1. IP identification
2. Payload
3. Header Length
4. Reserved IP
5. OSPF
6. RIPv1
7. Label Switching
8. Configuration
9. Switch port Mode
10. Access Links

11. DNS
12. FTP.

SECTION B — ( $5 \times 6 = 30$  marks)

Answer any FIVE questions in 250 words each.

13. Elucidate on segmentation.
14. Explain Dynamic Routing.
15. Discuss Network Address Translation.
16. Write a note on Trunk link.
17. Explain ARP.
18. Give the importance of POP3.
19. Write a note on HTTP.

SECTION C — ( $3 \times 10 = 30$  marks)

Answer any THREE questions in 500 words each.

20. Write a note on TCP Model use a diagram to explain.
21. Elucidate on Private IP.
22. What is Subnetting? Explain Class C Subnetting.

23. Virtual Space are Safe- Argue with relevant illustration.
  24. Explain in detail the ASCII.
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