

THREE YEAR BCAS., (CBCS) DEGREE EXAMINATION, APRIL 2017

FOURTH SEMESTER

**Paper I — COMPUTER NETWORKS**

*Time : 3 Hours*

*Max. Marks : 75*

**SECTION – A**

Answer any FIVE of the following questions.

(Marks : 5 × 5 marks = 25 marks)

1. What are advantages of Networks?
2. What is a Model?
3. What is a Layer?
4. What are the components of a Packet?
5. What is IP Address?
6. What is Traffic?
7. What is Congestion?
8. What is a Key?
9. Why DNS is used?
10. What is the use of FTP?

**SECTION – B**

Answer any FIVE of the following questions.

(Marks : 5 × 10 marks = 50 marks)

11. Explain various types of Network topologies.
12. Write in detail about OSI Model.
13. What is the use of a Data Link Layer?
14. Explain Wireless LANs and its uses.
15. Explain the structure of IPV6.
16. Write about any one Network Layer Protocols.

17. What are the issues in Congestion and control?
  18. Explain Public key cryptography.
  19. Explain Electronic mail and its uses.
  20. Write in detail about HTTP and its functioning.
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