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SIXTH SEMESTER U.G. (CBCSS—UG) DEGREE EXAMINATION MARCH 2024

BCA/Computer Science

BCA 6B 13—COMPUTER NETWORKS

(2019 Admission onwards)

Time : Two Hours Maximum : 60 Marks

Section A (Short Answer Type Questions)

Answer **all** *questions, each correct answer carries a maximum of* 2 *marks.*
Ceiling 20 *marks.*

1. Which are the categories of network ?

2. What is framing ?

3. What is Hamming distance ?

4. What is EIA-232 Interface ?

5. What is pure ALOHA ?

6. What is Link state routing ?

7. What is WWW ?

8. What do you mean by process to process delivery ?

9. What is transposition cipher ?

10. What is message digest ?

11. What is multicasting ?

12. What is the purpose of Domain Name System ?

Turn over

Section B (Short Essay Type Questions)

Answer **all** *questions, each correct answer carries a maximum of* 5 *marks.*
Ceiling 30 *marks.*

13. Describe about the various topologies.

14. Explain about CSMA/CA.

15. Explain about cyclic redundancy check.

16. Explain about the IPV4 classfull addressing.

17. Explain about UDP protocol.

18. Differentiate symmetric ciphers and asymmetric ciphers.

19. Describe briefly about datagram networks.

Section C (Essay Type Questions)

Answer any **one** *question, correct answer carries* 10 *marks.*

20. Explain about OSI Reference model.

21. What is Cryptography ? Explain about different Cryptography techniques.