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Name.....

Reg. No.....

**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

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**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.