ADITYA DEGREE & PG COLLEGE : : KAKINADA

BCA- II SEMESTER – MID – I - EXAMINATIONS

Max. Marks : 60

Date: 07-03-2025   **Subject : COMPUTER NETWORKS (Minor)**   **Time : 2 Hrs**

SECTION – A

I.   Answer any FIVE of the questions: 5 x 4 = 20 M

1. Write about the different Transmission modes.
2. Discuss about various Protocols.
3. Explain the TCP/IP protocol suite.
4. Explain about Signals.
5. Discuss about the Services of Wireless LAN (802.11).
6. Write about Bluetooth.
7. Discuss about various types of Errors.
8. Explain about Error correction.

SECTION – B

II.   Answer all the questions: 4 X 10 = 40 M

9. a) Explain various Topologies of computer networks.
                (OR)
   b) Discuss about various types of Networks.

10. a) Discuss the Layers of OSI Reference model with a neat diagram.
                (OR)
   b) Explain various Guided Transmission media in detail.

11. a) Write about Standard Ethernet (802.3) with MAC Frame format.
                (OR)
   b) Mention various Error detection mechanisms. Explain CRC with an example.

12. a) Discuss about Stop-and-Wait ARQ.

                (OR)
   b) Explain the process of Go-back-n ARQ.

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