P2135

[5803]-401

S.Y. B.B.A. (C.A.)

CA-401 : NETWORKING

(2019 Pattern) (CBCS) (Semester - IV)

Time : 2½ Hours]   *[Max. Marks : 70*

Instructions to the candidates:

     1)   *All questions are compulsory.*

     2)   *Neat diagrams must be drawn wherever necessary.*

Q1) Attempt any three of the following: **[3 × 5 = 15]**

    a)   What is networking? Explain different types of network.

    b)   Explain TCP/IP protocol in details.

    c)   What is guided media? Explain types of guided media.

    d)   Explain Active and Passive Hub.

Q2) Attempt any three of the following: **[3 × 5 = 15]**

    a)   What are repeaters? Explain different types of repeaters.

    b)   What are different mode of communication? Explain with sketch.

    c)   What is security services? Explain security mechanisms to provide the services.

    d)   Explain Bluetooth in details.

Q3) Attempt any three of the following :   **[3 × 5 = 15]**

    a)   What is standard? What is their needs? Explain the two types of standard.

    b)   What is Fast Ethernet? Explain categories of Fast Ethernet.

    c)   Explain server based and peer to peer LANS.

    d)   Differentiate between fiber optic and twisted pair cable.

Q4) Attempt any three of the following :   [3 × 5 = 15]

    a)   What is attack? Explain various types of attacks.

    b)   Explain wireless transmission. Explain any one media in details.

    c)   What is addressing? Explain different types of addresses.

    d)   Explain IEEE standard 802.11 (WLAN) in details.

Q5) Write notes on (Any Two) :   [2 × 5 = 10]

    a)   Proxy server.

    b)   Switch

    c)   ISO-OSI Reference model.

    d)   Line - of - sight

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