[6144] - 401

S.Y.B.B.A. (Computer Application)
CA-401 : NETWORKING
(CBCS 2019 Pattern) (Semester-IV)

Time : 2½ Hours]   *[Max. Marks : 70*

Instructions to the candidates:
  1)   All questions are compulsory.
  2)   Neat diagrams must be drawn whenever necessary.

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

   a)   What is ungelided media? Explain types of ungelided media?

   b)   What is switch? How does it differ from HUB?

   c)   What is copyright? Explain applications of copyright?

   d)   Differentiate between connection oriented and connectionless services?

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

   a)   Explain functions of each layer ISO-OSI reference model?

   b)   What is Backbone Network? Explain types of Backbone network.

   c)   State advantages and disadvantages of LAN, with uses?

   d)   Explain Ground wave propagation with diagram?

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

   a)   Define computer network? Explain goals of computer network.

   b)   What is attack? Explain various types attack.

   c)   What is gateways? Explain various levels of gateways.

   d)   What is NLAN? What are the features of VLAN.

P.T.O.

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

    a)   Explain TCP/IP protocol in detail?

    b)   What is HUB? Explain types of HUB?

    c)   Explain bluetooth architecture in detail?

    d)   Explain different modes of communication?

Q5) Write notes on: (any two) **[2×5=10]**

    a)   Proxy Server

    b)   Fiber optic cable

    c)   IP addressing

    d)   Topology

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