

Total No. of Questions : 5]

SEAT No. :

PD1442

[6441]-601

[Total No. of Pages : 2

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 diagram must be drawn wherever necessary.*
- 3) *Figures to the right indicate full marks.*

Q1) Attempt any eight of the following (out of Ten)

[8×2=16]

- a) Define Computer Network.
- b) What is protocol?
- c) Enlist different components of data communication system.
- d) Define ground wave propagation.
- e) Define LAN and WAN.
- f) What is proxy server?
- g) What is firewall?
- h) What is cladding?
- i) What IP addressing?
- j) What are network connectivity devices?

Q2) Attempt any four of the following (out of Five)

[4×4=16]

- a) Explain different types of addresses.
- b) Explain Active and Passive HUB.
- c) Explain ISO-OSI reference model.
- d) Explain optical fiber cable in details.
- e) Define computer networks. Explain goals of computer networks.

P.T.O.

Q3) Attempt any Four of the following (out of Five)

[4×4=16]

- a) Explain unguided media with diagram.
- b) Explain mode of communication.
- c) Compare of OSI and TCP/IP model.
- d) Explain Network Topology in details.
- e) Explain connection oriented and connectionless services.

Q4) Attempt any Four of the following (out of Five)

[4×4=16]

- a) Explain fast ethernet with its types.
- b) Explain Cryptography.
- c) Explain TCP/IP protocol in details.
- d) Define Bridge. Explain types of Bridge.
- e) Explain Bluetooth.

Q5) Write a short note on any Two of the following (out of Three)

[2×3=6]

- a) Computer Network application
- b) Repeater
- c) IEEE 802.11 [WLAN]

