

Total No. of Questions :5]

SEAT No. :

PC1161

[6317]-201

[Total No. of Pages :2

S.Y. B.B.A. (Computer Application)

CA-401 : NETWORKING

(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 wherever necessary.*

Q1) Attempt any Eight of the following.

[8×2=16]

- a) What is proxy server?
- b) What is bridge?
- c) What is HTTP?
- d) What is standard?
- e) What is NIC?
- f) Define computer Network
- g) What are the types of twisted pair cable?
- h) What is plaintext and ciphertext?
- i) What is Piconet?
- j) What is addressing?

Q2) Attempt any four of the following

[4×4=16]

- a) What is networking? Explain different types of network
- b) Compare Iso/osI reference model and TCP/IP.
- c) Explain Fiber optic cable in detail
- d) What is AP? Explain BSS and ESS in detail.
- e) What is cryptography? State objective of cryptography

Q3) Attempt any four of the following.

[4×4=16]

- a) What is back bone Network? Explain types of backbone Architecture
- b) Difference between connection oriented and connectionless services
- c) What is hub? Explain types of hub.
- d) What is wireless transmission? Explain any one media in detail.
- e) Draw TCP/IP model and state the function of each layer.

P.T.O.

Q4) Attempt any four of the following

[4×4=16]

- a) What is security services? Explain security mechanisms to provide the services.
- b) What is topology? Explain difference between Bus and star topology
- c) Explain ground wave propagation method in detail
- d) Explain different types of addresses
- e) What are the objective of wireless LAN?

Q5) Write short note on : any two.

[2×3=6]

- a) Repeaters
- b) Modes of Communication
- c) Coaxial cable structure

