



BA-1885

Second Year B. C. A. (Sem. IV) Examination
September / October – 2009
405 - Computer Network

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

नीचे दृशवित्त निशानीवाणी विगतो उत्तरवही पर अवश्य कर्तवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
S.Y. B.C.A. (SEM. 4)

Name of the Subject :
405 - COMPUTER NETWORK

Subject Code No. : 1 8 8 5 Section No. (1, 2,.....): NIL

Seat No. :
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Student's Signature

1 (a) Do as directed : 10

- (1) Explain the concept of client and Server.
- (2) Which criteria should be kept in consideration while selecting Topology ?
- (3) Give the name of two protocols that work at :
 - (i) Data Link Layer
 - (ii) Application Layer.
- (4) What do you mean by Encryption ?
- (5) Write limitations of Ring topology.

(b) Which are the different types of threats to a network ? 4

2 Attempt any four : 20

- (1) Explain Fiber optics.
- (2) Explain Router.
- (3) Explain LAN.
- (4) Write note on Firewall.
- (5) How will you set security upon Folders/Files in window environment ?
- (6) Explain "Resource" as primary network component.

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[Contd...

- 3 Attempt any three : 24
- (1) Explain features of File server.
 - (2) Explain OSI model.
 - (3) How will you install and configure network cards and drives ?
 - (4) Write Basic and advance configuration of TCP/IP.
 - (5) Write note on Ethernet cable types.
- 4 (1) Explain Star topology. 5
- (2) Write note on Client Operating System. 7
- OR
- 4 (1) Explain Bus topology. 5
- (2) Write note on Server Operating System. 7
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