



DJ-1885

Second Year B. C. A. (Sem. IV) Examination

September / October – 2007

Computer Network : 405

Time : 3 Hours]

[Total Marks : 70

**Instructions :**

(1)

नीचे दृशविक  निशानीवाणी दिगतो उत्तरवडी पर अवश्य लपवी.  
Fillup strictly the details of  signs on your answer book.

Name of the Examination :

Name of the Subject :

Subject Code No. :     Section No. (1, 2, .....):

Seat No. :

Student's Signature

1 Answer in short : 14

- (1) What is Repeater?
- (2) Which criteria should be kept in consideration while selecting Topology?
- (3) Explain MAN.
- (4) Enlist protocols that work at Application layer.
- (5) Explain thin-client.
- (6) What is brouter?
- (7) What is encryption?

- 2 (a) Discuss Optical Fiber Cable. 5
- (b) Write a note on Print Server. 5
- (c) Explain Switches. 5

OR

- 2 (a) Explain Bridges. 5
- (b) Explain coaxial cable in detail. 5
- (c) Write note on Database server. 5

- 3 (a) Write a note on Advanced TCP/IP configuration. 4  
(b) Write note on Enterprise and workgroup application. 8  
(c) Write a note on cable consideration. 5

OR

- 3 (a) Explain public-key algorithm. 4  
(b) Write note on Assessing network Services. 8  
(c) Write a note on analyzing the current network management. 5

- 4 ✓(a) What do you mean by Evaluating Protocols? Explain any three protocols. 7  
(b) Which OSI layer handles Routing of packets? Explain that layer in detail. 5

OR

- 4 (a) Differentiate client/server and web-based application. 7  
(b) Which OSI layer is responsible for making Frame? Explain that layer in detail. 5

- 5 ✓(a) Explain Bus topology. 5  
(b) Write a note on Client Operating system. 7

OR

- 5 (a) Explain Star topology. 5  
(b) Write a note on Server Operating system. 7