



H-1864

Second Year B. C. A. (Sem. IV) Examination
March / April – 2009
Computer Network : Paper - 405

Time : Hours] *Telaviga Jignesh*

[Total Marks : 70

Instruction :

नीचे दशांश देव निशा-नीवाणी विगतो उत्तरवडी पर अवश्य दपवी. Fillup strictly the details of signs on your answer book.		Seat No. :
Name of the Examination :		4 0 0 3 7 4
S.Y. B.C.A. (SEM. 4)		70 <i>S.P. Mishra</i> Student's Signature
Name of the Subject :		
COMPUTER NETWORK - 405		
Subject Code No. :	1 8 6 4	Section No. (1, 2,.....) : NIL

- 1 (a) Do as directed : 7
- (i) What is Network?
 - (ii) Enlist various topologies.
 - (iii) What is subnet mask?
 - (iv) Define RAID.
 - (v) What is Multiple Transport Stack?
 - (vi) What is packet?
 - (vii) What is MAN?
- (b) How will you establish network for cyber cafe (Considering topology, cable and security)? 6
- 2 (a) Write note on Application servers. 5
- (b) Explain "Storage" feature of different OS. 7
- (c) Explain Bus topology. 5
- OR
- (a) Write note on Primary Network Components. 8
- (b) What is network binding? How is it configured? 4
- (c) Explain Ring topology. 5

3 Attempt any three :

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- (a) Explain OSI model.
- (b) Explain concept of public-key and private key algorithm.
- (c) Which are the different types of threats to a network?
- (d) Write note on NIC.
- (e) Write features of Window 2000.

4 Write note on the following : (any four)

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- (a) Gateway
- (b) Switches
- (c) Fiber optics
- (d) LAN
- (e) Goals of network
- (f) Basic TCP/IP configuration.