

Comilla University

Department of Computer Science and Engineering

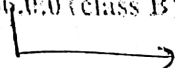
Course Code and Title: CSE-329: Computer Networks Lab

First Midterm Examination

Full Marks: 20

Session: 2012-2013

Time: 40 Minutes

1. Find the error of the following IP address 111.56.045.78 and 75.45.301.14 4
2. Given the network address 132.21.0.0, find the class, the block, and the range of the addresses. 4
3. A company is granted the site address 181.56.0.0 (class B). The company needs 1000 subnets.
Design the subnets.  181.56.255.255 4
4. A company needs 600 addresses. Which of the following set of class C blocks can be used to form a supernet for this company? 4
 - (i) 198.47.32.0 198.47.33.0 198.47.34.0
 - (ii) 198.47.32.0 198.47.42.0 198.47.52.0 198.47.62.0
 - (iii) 198.47.31.0 198.47.32.0 198.47.33.0 198.47.52.0
 - (iv) 198.47.32.0 198.47.33.0 198.47.34.0 198.47.35.0
5. We need to make a supernet out of 16 class C blocks. What is the supernet mask? 4