ITS323 – Quiz 7

Name: _____   ID: _____   Marks: _____ (10)

Question 1 [6 marks]

The following questions are about host A with the *classful* IP address: 130.117.64.12

(a) What is the class of the IP address? [2 marks]

(b) Host B has the IP address 130.117.0.1. Is host B on the same subnet as host A? Explain your answer. [2 marks]

(c) What is the single IP address that host C would send to in order to deliver data to all hosts on the same subnet as host A? Assume A and C are on different subnets [2 marks]

Question 2 [4 marks]

Answer the following questions about internetworking, nodes in an internet and the Internet Protocol by filling in the blank spaces or circling True or False where appropriate.

(a) A _____ forwards IP datagrams but a host does not. [2 marks]

(b) IP is a connection-oriented protocol. True or False. [2 marks]