# ITS323 – Quiz 7

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

## Question 1   [6 marks]

The following questions are about host A with the *classful* IP address: 116.20.17.4

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

(b) Host B has the IP address 116.0.0.1. 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 _____ will normally have two or more interfaces, whereas a host normally uses one interface at a time. [2 marks]

(b) IP does not provide fragmentation/re-assembly, security or flow control. True or False. [2 marks]