ITS323 - Quiz 7

Nam	e:	ID:	Marks: (10)
Qu	estion 1 [6 marks]		
	e the last 8 digits of your ID in the 123456, then I would write 6 5 4 3 2	_	(E.g. if my ID is
Ā	bove is the IP address of your comp	uter. Use it to answer the f	following questions.
(a)	If your IP address has subnet mask subnet your computer is attached to	•	work address for the
(b)	Assume your computer is initially with an IP address with subnet massubnet. Now how many more IP de	ask 255.255.255.224 is at	tached to the same
(c)	Write an IP address that is a local your computer sends an IP datagra		

Question 2 [4 marks]

Draw a diagram that illustrates the TCP connection establishment process, assuming a client selects an initial sequence number of 102, and the server selects 3376. For each TCP segment, clearly indicate the value of the Sequence Number field, the Acknowledgement Number field (if relevant) and the flags that are set to 1.