## 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	•	ork address for the
(b)	Assume your computer is initially than IP address with subnet mask 25 Now how many more IP devices car	55.255.192.0 is attached t	to the same subnet.
(c)	Write an IP address that is a local by your computer sends an IP datagram		_

## Question 2 [4 marks]

Draw a diagram that illustrates the TCP connection establishment process, assuming a client selects an initial sequence number of 6432, and the server selects 4323. 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.