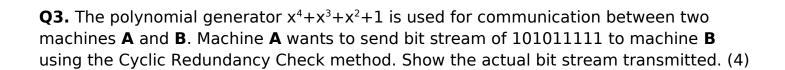
Name: Section:	Ro		
Computer Networks Final allowed: 2.5 hours	Exam Fall 2012	Total marks:	50 Time
NOTE: Write only in the provided This exam consists of for rough work).			
Q1. How do you compare differences (6)	Datagram Subnets t	o Virtual Circuit S	ubnets? State three
Q2. How simultaneous data Line using DSL modem. Why		•	-



Q4. State four advantages of subnetting. Find the maximum number of hosts a network can handle with a subnet mask of 255.255.240.0. (4+2)

${f Q5}$. What are Hidden Station and Exposed station problems? Which of these problems is solved using MACA protocol and how? Explain with the help of diagram (4+4)
Q6. What potential problem can occur in distance vector routing protocol. Describe with the help of an example subnet. Do you think this protocol is scalable? Please describe

the reason (Scalable means that a protocol performance does not degrade as the network size increases) (5+4)

Q7.	. Но	w To	omlir	nson	's so	lutior	n sol	ves p	orobl	lem	of d	elaye	ed di	uplica	ates	in da	ita	TPDU	? (6)	
			hree TDP			ndsh	ake	prot	ocol	is	usec	l for	ider	ntifyi	ng	delay	ed	dupli	cates	in