COAL BS CS Fall 2022 Quiz 2

Time		Total marks: 25												
Roll Number:						Name:								
				ctions, G nd Zero F								he ne		ings of
a)		ADD AX, BX where $AX = 7132$					BX =7000							
		AX E132	carry 0	overflow 1	Sig	gn	zero 0)						
b)		SUB where												
			carry 0	overflow 1	sig	gn	Zero	O						
c)		MOV AX,DX where AX =34		3456	56		ABCI	CD		7				
		AX ABCD	carry	over	flow	sign 0		Zer 0	0	-				
Q2: How m	nany tir aa:	mes the lo Mov ch Mov dl, Mov ah inc ch Jnz aa	,FEh 'A'	be execut	ed in	the foll	owing	g coo	le?			[3]		
Q3:		2 times	5											
How m	nany tir aa:	mes the lo Mov ch Mov dl, Mov ah Dec ch Jnz aa	,0 'A' ,02	be execut	ed in	the foll	owing	g coc	le?			[3]		
	256 ti	mes												
Q4 : As	ssume	AX=6000)h;BX=F	FEEh; WI	nat wi	ll be in	DX a	fter t	he exe	ecutio	on of t	he foll	owing ir	nstructions: [4]
	AA:	CMP A JLE AA MOV D JMP EX MOV D	A X,40 KIT											

DX=40

EXIT: