

Que 2 Explain CMP instruction 182 CMP subtracts the second operand from the first but unlike the SVB instructions does not store the result; only the flags are changed.

Store the result; only the flags are changed.

CMP is typically used in conjunction with

conditional jumps and the SETEC than

instruction I an oberand greater than

one lyte is scompanied to an immediate

byte I, the lyte value is first sign-eaterded. Que 3. Draw and explain TSS segment of 80386? \$183 All the information, the processor needs in order to I manage a task is sloud in a special type of segment, a task state segment manage the task The 180386 uses 755 like a scratch-bad. It stores emerything it muds to know about a task in (TSS! This means that task environment (context) is stored in TSS TSS is not accessible to the general user program or program even at brivilege level to only 180386 The fileds of a TSS one divided into two sets: -> Static set

31	Bit Map Offset	State Segment	0
	000000000000000000000000000000000000000	000000000000000000000	64
	000000000000000000000000000000000000000	GS	60 5C
	00000000000000000000000	FS	58
	00000000000000000	DS	54
	00000000000000000	95	50
	0000000000000000000000	CS	4C
	000000000000000000000000000000000000000	ES	48
	EDI ESI EBP ESP EBX EDX		44
			40
			3C
			38
			34
			30
	ECX		20
	EAX		28
	EFLAGS		24
	E	P	20
	CR3		10
	000000000000000000000000000000000000000	SS2	1-8
	EIP2		14
	0,0000000000000000000000000000000000000	SS1	10
	EIP1		00
	000000000000000000	SSO	8
	EIP O		8 4
-			0
	000000000000000000000000000000000000000	Dack III)K	