

Question # 1 of 10 ( Start time: 04:08:23 AM, 02 May 2017 )

Systems programming is the study of techniques that facilitates the acquisition of \_\_\_\_\_ from input devices.

- **Data**
- Information
- Power
- Control

Question # 2 of 10 ( Start time: 04:09:23 AM, 02 May 2017 )

If we are at address F000:0000H, then we are supposed to invoke interrupt(s) for;

- **BIOS**
- COM4
- LPT3
- LPT1

Question # 3 of 10 ( Start time: 04:10:46 AM, 02 May 2017 )

NMI (Non maskable Interrupt) is used by \_\_\_\_\_ .

- **ALU circuitry which performs division**
- COM ports
- LPT ports
- keyboard and timer

*INTR is used by other devices like COM ports LPT ports, keyboard, timer etc.*

Question # 4 of 10 ( Start time: 04:12:11 AM, 02 May 2017 )

The registers Flags, \_\_\_\_\_ are pushed on execution of INT instruction and executions branches to the interrupt procedure

- **CS and IP**
- CS and SP
- IP and DS
- DS and SP

Question # 5 of 10 ( Start time: 04:13:13 AM, 02 May 2017 )

Select correct Top down approach sequence of layered approach followed for system programming.

- Hardware -> Bios -> DOS
- Hardware -> DOS -> Bios
- **DOS -> Bios -> Hardware**
- Bios -> DOS -> Hardware

Question # 6 of 10 ( Start time: 04:13:43 AM, 02 May 2017 )

In text mode, screen has limit to print \_\_\_\_\_ alphabets shown on screen simultaneously.

- 1500
- 1800
- **2000** *page 33*
- 2200

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To change the behavior of an interrupt, we have to use function;

- Changevect()
- Keep()
- **Setvect()** *not sure*
- Getvect()

Question #8 of 10 ( Start time: 04:16:41 AM, 02 May 2017 )

There are differences in mechanism of invocation of interrupt and event driven procedures.

- Yes
- **No**

Question #9 of 10 ( Start time: 04:17:44 AM, 02 May 2017 )

To access disk interrupt \_\_\_\_\_ and its service \_\_\_\_\_ are used.

- **13H , 3H**
- 13H , 12H
- 09H , 3H
- 12H , 3H

Question #10 of 10 ( Start time: 04:19:17 AM, 02 May 2017 )

Maximum numbers of interrupts that are registered in IVT are;

- FF
- EF
- BF
- AE