

Question No: 1 (Marks: 1) - Please choose one

Which of the following is not true about registers:

- Their operation is very much like memory
- Intermediate results may also be stored in registers.
- They are also called scratch pad ram

None of given options.

Question No: 2 (Marks: 1) - Please choose one

move [bp], al moves the one byte content of the AL register to the address contained in BP register in the current

Stack segment (Page 35)

- Code segment
- Data segment
- Extra segment

Question No: 3 (Marks: 1) - Please choose one

In a rotate through carry right (RCR) instruction applied on a 16 bit word effectively there is

- 16 bits rotation
- 1 bit rotation

17 bits rotation (Page 53)

- 8 bits rotation

Question No: 4 (Marks: 1) - Please choose one

The 8088 stack works on

Word sized elements (Page 68)

- Byte sized elements

Double sized element
Nible sized element

Question No: 5 (Marks: 1) - Please choose one

An 8 x 16 font is stored in _____ bytes.

- 2
- 4
- 8

16 (Page 150) rep

Question No: 6 (Marks: 1) - Please choose one

INT 10 is used for _____ services.

- RAM
- Disk

BIOS video (Page 149)

DOS video

Question No: 7 (Marks: 1) - Please choose one

Priority of IRQ 0 interrupt is

- medium
- high

highest (Page 114) rep

low

Question No: 8 (Marks: 1) - Please choose one

Threads can have function calls, parameters and _____ variables.

global

local (Page 141) rep

legal

illegal

Question No: 9 (Marks: 1) - Please choose one

How many prevalent calling conventions do exist

- 1
- 2
- 3
- 4

2 (Page 187) rep

Question No: 10 (Marks: 1) - Please choose one

In 9pin DB 9 DSR is assigned on pin number

- 4
- 5
- 6
- 7

6 (Page 171) rep

Question No: 11 (Marks: 1) - Please choose one

In 9pin DB 9 CTS is assigned on pin number

6

7

8 (Page 171) rep

9

Question No: 12 (Marks: 1) - Please choose one

In 9pin DB 9 CD is assigned on pin number

1 (Page 171) rep

2

3

4

Question No: 13 (Marks: 1) - Please choose one

In 9pin DB 9 RD is assigned on pin number

1

2 (Page 171)

3

4

Question No: 14 (Marks: 1) - Please choose one

in device attribute word which of the following bit decides whether it is a character device or a block device

Bit 12

Bit 13

Bit 14

Bit 15 (Page 166)

Question No: 15 (Marks: 1) - Please choose one

Video services are classified into _____ broad categories

2 (Page 149)

3

4

5

Question No: 16 (Marks: 1) - Please choose one

In STOSB instruction, when DF is clear, SI is

Incremented by 1 (Page 92) rep

Incremented by 2

Decrement by 1

Decrement by 2

Question No: 17 (Marks: 1) - Please choose one

The process of sending signals back and forth is called

- Activity
- Hand-shaking
- Interruption
- Time clicking**

Question No: 18 (Marks: 1) - Please choose one

Which of the following interrupts is used for Arithmetic Overflow?

- INT 1
- INT 2
- INT 3
- INT 4 (Page 106) rep**

Question No: 19 (Marks: 1) - Please choose one

Which of the following is a special type of interrupt that returns to the same instruction instead of the next instruction?

- Divide overflow interrupt (Page 107)**
- Debug interrupt
- Arithmetic overflow interrupt
- Change of sign interrupt

Question No: 20 (Marks: 1) - Please choose one

Which of the following IRQs is derived by a timer device?

- IRQ 0 (Page 114) rep**
- IRQ 1
- IRQ 2
- IRQ 3

Question No: 21 (Marks: 1) - Please choose one

Which of the following IRQs is connected to serial port COM 2?

- IRQ 0
- IRQ 1
- IRQ 2
- IRQ 3 (Page 114) rep**

Question No: 22 (Marks: 1) - Please choose one

An End of Interrupt (EOI) signal is sent by

- Handler (Page 114) rep**
- Processor
- IRQ
- PIC

Question No: 23 (Marks: 1) - Please choose one

The source registers in OUT is

AL or AX (Page 115) rep

BL or BX

CL or CX

DL or DX

Question No: 24 (Marks: 1) - Please choose one

In programmable interrupt controller which of the following ports is used for selectively enabling or disabling interrupts

19

20

21 (Page 115)

22

Question No: 25 (Marks: 1) - Please choose one

The number of pins in a parallel port connector are?

20

25 (Page 125) rep

30

35

Question No: 26 (Marks: 1) - Please choose one

Which of the following pins of a parallel port connector are grounded?

10-18

18-25 (Page 125) rep

25-32

32-39

Question No: 27 (Marks: 1) - Please choose one

If the decimal number "35" is shifted by two bit to left, the new value will be

35

70

140 (00100011 = 35 , 10001100=140)

17

Question No: 28 (Marks: 1) - Please choose one

A 32bit address register can access upto..... of memory so memory access has increased a lot.

2GB

4GB (Page 175) rep

6GB

8GB

Question No: 29 (Marks: 1) - Please choose one

In NASM an imported symbol is declared with the while and exported symbol is declared with the.....

Global directive, External directive

External directive, Global directive (Page 189) rep

Home Directive, Foreign Directive

Foreign Directive, Home Directive

Question No: 30 (Marks: 1) - Please choose one

Single step interrupt is

Hardware interrupt

Like divide by zero interrupt (Page 133) rep

Like divide by 1 interrupt

Software interrupt