



Grand Quiz Spring 2021

Subject Code CS609 lecture 1 to 22

Solved By Riz Mughal



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<https://www.facebook.com/groups/923887914750307>



<https://www.youtube.com/channel/UCINsFwDiB62SValCcPDZbRQ/playlists>

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I'm providing 100% correct quiz solution. You can visit my YouTube channel and get more information about all other subjects' quizzes and final year project (CS619).

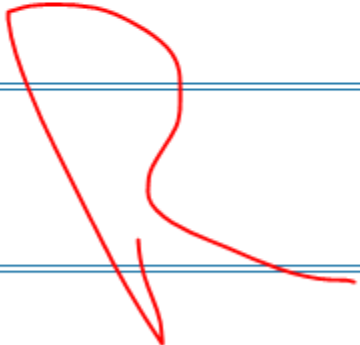
RIZ MUGHAL (SQA ENGINEER)

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Question # 1 of 30 (Start time: 09:57:43 AM, 02 July 2021)

There are _____ number of hardware interrupts in interrupt vector table.

Select the correct option


- | | |
|----------------------------------|----|
| <input type="radio"/> | 8 |
| <input type="radio"/> | 32 |
| <input type="radio"/> | 24 |
| <input checked="" type="radio"/> | 16 |
- 

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Question # 2 of 30 (Start time: 09:58:12 AM, 02 July 2021)

In _____ each byte is needed to be encapsulated in start and end.

Select the correct option

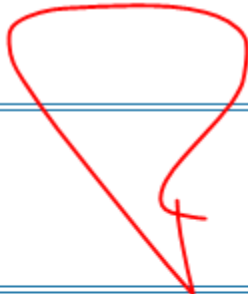
- | | |
|----------------------------------|--|
| <input type="radio"/> | Both of Synchronous & Asynchronous Communication |
| <input type="radio"/> | Synchronous Communication |
| <input type="radio"/> | Serial and Hybrid Communication |
| <input checked="" type="radio"/> | Asynchronous Communication |
- 

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Question # 3 of 30 (Start time: 09:58:36 AM, 02 July 2021)

Interrupt _____ is used for keyboard input operations.

Select the correct option


- | | |
|----------------------------------|----|
| <input type="radio"/> | 21 |
| <input type="radio"/> | 14 |
| <input checked="" type="radio"/> | 9 |
| <input type="radio"/> | 65 |
- 

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Question # 4 of 30 (Start time: 09:58:52 AM, 02 July 2021)

Keyboard makes use of interrupt _____ for its input operations.

Select the correct option

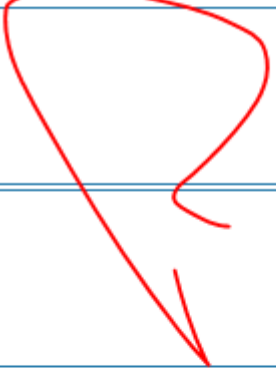
- | | |
|----------------------------------|----|
| <input type="radio"/> | 11 |
| <input type="radio"/> | 13 |
| <input type="radio"/> | 10 |
| <input checked="" type="radio"/> | 9 |
- 

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Question # 5 of 30 (Start time: 09:59:08 AM. 02 July 2021)

The service _____ is called the keyboard hook service.

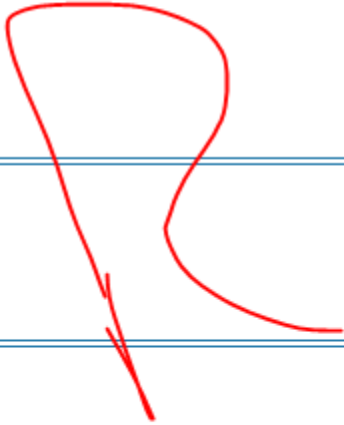
Select the correct option

- | | |
|----------------------------------|---------|
| <input type="radio"/> | 15H/FFH |
| <input checked="" type="radio"/> | 15H/4FH |
| <input type="radio"/> | 15H/2FH |
| <input type="radio"/> | 15H/2BH |
- 

Question # 6 of 30 (Start time: 09:59:22 AM, 02 July 2021)

A code 0xFA on the port 60H (Keyboard Interface) indicates that the byte has been received _____

Select the correct option

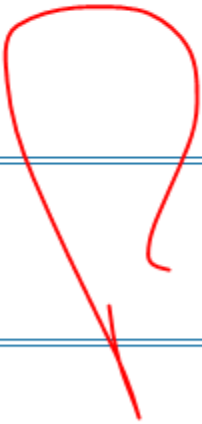
- | | |
|----------------------------------|---------------------|
| <input type="radio"/> | With Errors |
| <input type="radio"/> | With acknowledgment |
| <input checked="" type="radio"/> | Properly |
| <input type="radio"/> | Duplicate values |
- 

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Question # 7 of 30 (Start time: 09:59:59 AM, 02 July 2021)

Frequency of clock signal measures the speed of the_____.

Select the correct option

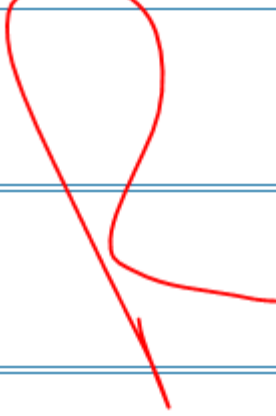
- | | |
|----------------------------------|-------------|
| <input checked="" type="radio"/> | CPU |
| <input type="radio"/> | BIOS |
| <input type="radio"/> | RAM |
| <input type="radio"/> | Address Bus |
- 

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Question # 8 of 30 (Start time: 10:00:33 AM, 02 July 2021)

Logical view of organized data is called _____.

Select the correct option

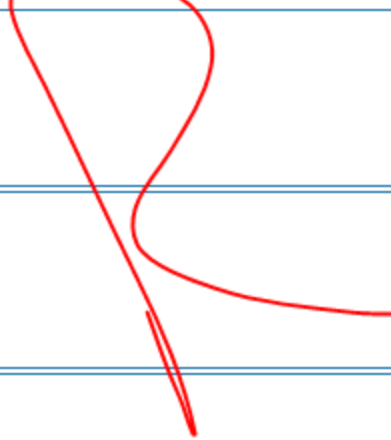
- | | |
|----------------------------------|-------------|
| <input type="radio"/> | Information |
| <input type="radio"/> | Code |
| <input type="radio"/> | Structure |
| <input checked="" type="radio"/> | File |
- 

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Question # 9 of 30 (Start time: 10:00:48 AM, 02 July 2021)

In Self-Test mode of UART, the output of UART is _____ its input.

Select the correct option

- | | |
|----------------------------------|-------------------|
| <input type="radio"/> | Disconnected from |
| <input type="radio"/> | Interchanged with |
| <input type="radio"/> | Different from |
| <input checked="" type="radio"/> | Routed back to |
- 

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Question # 10 of 30 (Start time: 10:01:03 AM, 02 July 2021)

Display device (Monitor) performs _____.

Select the correct option


- | | |
|----------------------------------|---|
| <input type="radio"/> | Both Memory mapped I/O and Isolated I/O |
| <input type="radio"/> | Isolated I/O |
| <input type="radio"/> | Event-driven I/O |
| <input checked="" type="radio"/> | Memory mapped I/O |

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Question # 11 of 30 (Start time: 10:01:19 AM, 02 July 2021)

The Segment Address of IVT is fixed at _____.

Select the correct option

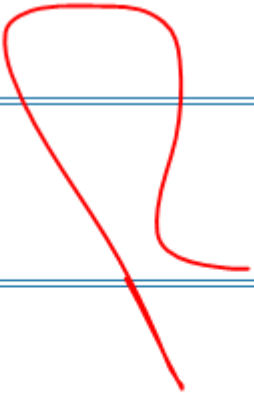
- | | |
|----------------------------------|-------|
| <input type="radio"/> | 000AH |
| <input type="radio"/> | 000FH |
| <input type="radio"/> | 0001H |
| <input checked="" type="radio"/> | 0000H |
- 

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Question # 12 of 30 (Start time: 10:01:34 AM, 02 July 2021)

BPB stands for _____

Select the correct option


- | | |
|----------------------------------|-----------------------|
| <input type="radio"/> | BIOS partition block |
| <input type="radio"/> | BIOS processing block |
| <input type="radio"/> | Base processing block |
| <input checked="" type="radio"/> | BIOS parameter block |
- 

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Question # 13 of 30 (Start time: 10:01:49 AM, 02 July 2021)

NMI Stand for _____


Select the correct option

- | | |
|----------------------------------|---------------------------|
| <input type="radio"/> | Non Maximum Interrupt |
| <input checked="" type="radio"/> | Non Maskable Interrupt |
| <input type="radio"/> | Non Multiplexed Interrupt |
| <input type="radio"/> | Non Multitude Interrupt |
- 

Question # 14 of 30 (Start time: 10:02:09 AM, 02 July 2021)

The bit _____ of Line control register in UART, if set, indicates that the DLL and DLM will act as the divisor register.

Select the correct option


- | | |
|----------------------------------|---|
| <input type="radio"/> | 1 |
| <input type="radio"/> | 5 |
| <input type="radio"/> | 3 |
| <input checked="" type="radio"/> | 7 |
- 

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Question # 15 of 30 (Start time: 10:02:25 AM, 02 July 2021)

DMA is an abbreviation for _____.

Select the correct option

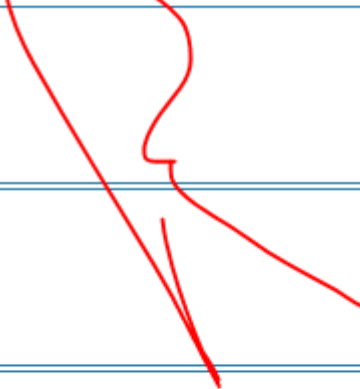
- | | |
|----------------------------------|---------------------------|
| <input type="radio"/> | Data Managed Access |
| <input type="radio"/> | Distributed Memory Access |
| <input checked="" type="radio"/> | Direct Memory Access |
| <input type="radio"/> | Dual Memory Access |
- 

Question # 16 of 30 (Start time: 10:03:01 AM, 02 July 2021)

When getting system information through interrupt 11H, it places the returned information in ____ register.

Select the correct option

<input type="radio"/>	CX
<input checked="" type="radio"/>	AX
<input type="radio"/>	DX
<input type="radio"/>	BX

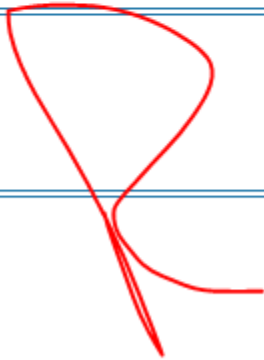


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Question # 17 of 30 (Start time: 10:03:18 AM, 02 July 2021)

Keyboard buffer works like a _____ data structure.


Select the correct option

- | | |
|----------------------------------|----------------|
| <input type="radio"/> | Linked List |
| <input checked="" type="radio"/> | Circular Queue |
| <input type="radio"/> | Stack |
| <input type="radio"/> | Queue |
- 

Question # 18 of 30 (Start time: 10:03:33 AM, 02 July 2021)

In interrupt interception with software interrupts, the original interrupt can be invoked _____.

Select the correct option

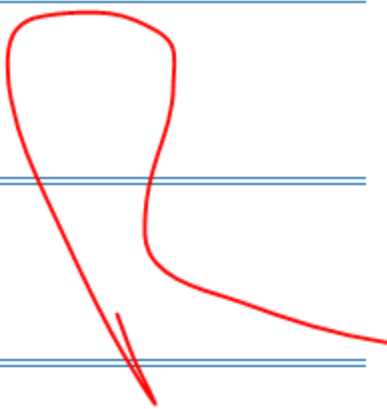
- | | |
|----------------------------------|----------------------|
| <input type="radio"/> | In the middle of ISR |
| <input type="radio"/> | At the start of ISR |
| <input checked="" type="radio"/> | Anywhere in ISR |
| <input type="radio"/> | At the end of ISR |
- 

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Question # 19 of 30 (Start time: 10:03:47 AM, 02 July 2021)

The capacity of keyboard buffer is _____.


Select the correct option

- | | |
|----------------------------------|---------------|
| <input checked="" type="radio"/> | 16 Characters |
| <input type="radio"/> | 32 Characters |
| <input type="radio"/> | 32 Characters |
| <input type="radio"/> | 8 Characters |
- 

Question # 20 of 30 (Start time: 10:04:04 AM, 02 July 2021)

In the context of Keyboard Interface, ____ means Typematic rate will be sent in next byte.

Select the correct option

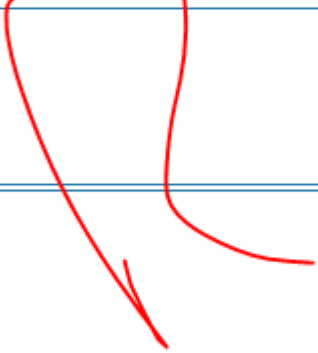
- | | |
|----------------------------------|------|
| <input type="radio"/> | 0xED |
| <input type="radio"/> | 0xE5 |
| <input checked="" type="radio"/> | 0xF3 |
| <input type="radio"/> | 0xFF |
- 

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Question # 21 of 30 (Start time: 10:04:27 AM, 02 July 2021)

IRQ1 is used by the _____ interface.

Select the correct option


- | | |
|----------------------------------|----------|
| <input type="radio"/> | Scanner |
| <input type="radio"/> | Mouse |
| <input checked="" type="radio"/> | Keyboard |
| <input type="radio"/> | Camera |
- 

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Question # 22 of 30 (Start time: 10:04:44 AM, 02 July 2021)

The command "outport(0x61,inportb(0x61) ^ 3);" will _____.


Select the correct option

- | | |
|----------------------------------|----------------------|
| <input checked="" type="radio"/> | Toggle the speaker |
| <input type="radio"/> | Damage the speaker |
| <input type="radio"/> | Turn off the speaker |
| <input type="radio"/> | Turn on the speaker |
- 

Question # 23 of 30 (Start time: 10:05:01 AM, 02 July 2021)

Communication between keyboard and keyboard controller is _____.

Select the correct option


- | | |
|----------------------------------|------------------------|
| <input type="radio"/> | Asynchronous serial |
| <input type="radio"/> | Parallel Communication |
| <input checked="" type="radio"/> | Synchronous serial |
| <input type="radio"/> | Multiple serial |
- 

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Question # 24 of 30 (Start time: 10:05:17 AM, 02 July 2021)

UART is the abbreviation for _____.

Select the correct option

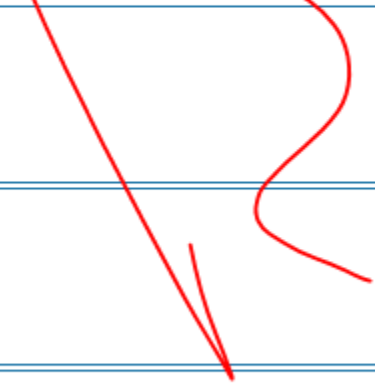
- | | |
|----------------------------------|---|
| <input checked="" type="radio"/> | Universal Asynchronous Receiver Transmitter |
| <input type="radio"/> | Unity Asynchronous Receiver Transmitter |
| <input type="radio"/> | Uniform Asynchronous Receiver Transmitter |
| <input type="radio"/> | Used Asynchronous Receiver Transmitter |
- 

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Question # 25 of 30 (Start time: 10:05:34 AM, 02 July 2021)

In Keyboard Interface, _____ is LED control byte.

Select the correct option

- | | |
|----------------------------------|------|
| <input type="radio"/> | 0xFF |
| <input checked="" type="radio"/> | 0xED |
| <input type="radio"/> | 0xF3 |
| <input type="radio"/> | 0xFA |
- 

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Question # 26 of 30 (Start time: 10:05:48 AM, 02 July 2021)

Lower two bytes of any Far address contains _____ address.

Select the correct option

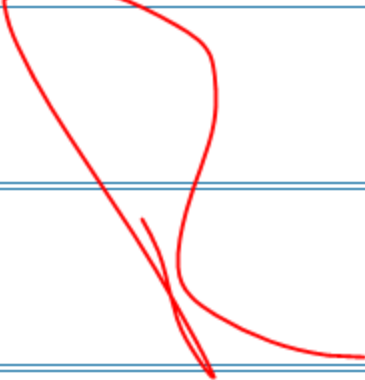
- | | |
|----------------------------------|-------------------------|
| <input type="radio"/> | NULL |
| <input type="radio"/> | segment |
| <input checked="" type="radio"/> | offset |
| <input type="radio"/> | both segment and offset |

Question # 27 of 30 (Start time: 10:06:04 AM, 02 July 2021)

All the modes of Interval Timer have different _____ wave pattern according to the need of the application.

Select the correct option

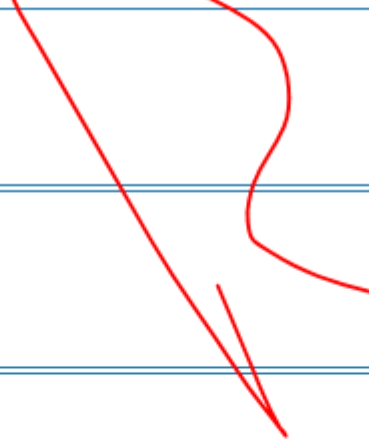
<input type="radio"/>	Sine
<input type="radio"/>	Haphazard
<input type="radio"/>	Trigonal
<input checked="" type="radio"/>	Square



Question # 28 of 30 (Start time: 10:06:19 AM, 02 July 2021)

If we want to produce the grave voice from speaker phone then we have to load the ____ divisor values at Port ____.

Select the correct option

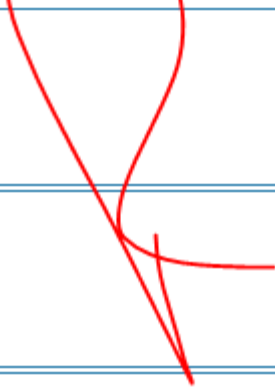
- | | |
|----------------------------------|------------|
| <input type="radio"/> | low, 0x42 |
| <input type="radio"/> | high, 0x22 |
| <input checked="" type="radio"/> | high, 0x42 |
| <input type="radio"/> | low, 0x22 |
- 

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Question # 29 of 30 (Start time: 10:06:35 AM, 02 July 2021)

Graphic adapter is a(n) _____.

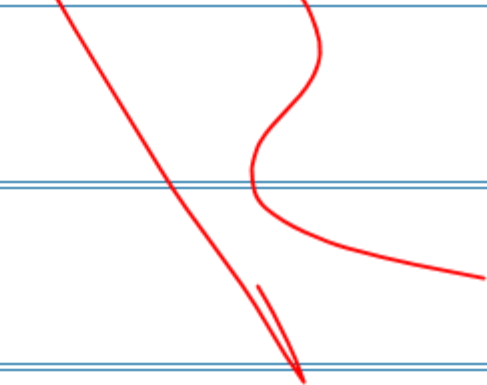
Select the correct option

- | | |
|----------------------------------|----------------|
| <input checked="" type="radio"/> | I/O controller |
| <input type="radio"/> | Memory |
| <input type="radio"/> | Software |
| <input type="radio"/> | Processor |
- 

Question # 30 of 30 (Start time: 10:06:49 AM, 02 July 2021)

In order to produce the sound from PC internal Speaker we have to load the ___ bit divisor value at the ___ port.

Select the correct option

- | | |
|----------------------------------|----------|
| <input checked="" type="radio"/> | 16, 0x42 |
| <input type="radio"/> | 64, 0x32 |
| <input type="radio"/> | 32, 0x22 |
| <input type="radio"/> | 8, 0x21 |
- 



Thank you for watching

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RIZ MUGHAL (SQA ENGINEER)

