MIDTERM   EXAMINATION
Spring 2012
CS609- System Programming

Question No: 1   (Marks: 1) - Please choose one
DMA stands for_____

►**Direct Memory Access   (Page 4)**
►Distinct Memory Access
►Direct Module Access
►Direct Memory Allocation

Question No: 2   (Marks: 1) - Please choose one
Standard PC operates in two modes in terms of memory which are

►Real mode and Extended Mode
►Base mode and Memory Mode
►None of the given
►**Real mode and protected mode   (Page 6)**

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

►Universal Asynchronous Receiver Transmitter   (Page 107)
►Universal Adjustment and Realigning Tool
►Unconventional Assisted Recovery Team
►None of these

Question No: 4   (Marks: 1) - Please choose one
Usually interrupt procedures are reentrant procedures especially those interrupt procedure compiled using C language compiler are reentrant.
►**True   (Page 38)**
►False

خدا کے سوا کسی سے امید مت رکھو

1

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

DTE is _____.

► **Data terminal equipment**   **(Page 109)**
► Data transmitting equipment
► Dual terminal equipment
► None of the given.

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

Interrupt Vector Table (IVT) in short is a _____ bytes sized table.

► **1024**   **(Page 10)**
► 2048
► 3072
► 4096

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

Hardware Interrupts are _____.

► Preemptive
► **Non-Preemptive**   **(Page 48)**
► Both Preemptive and Non-Preemptive
► None of Given

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

Timer interrupt is a _____.

► **Hardware Interrupt**   **(Page 28)**
► Software Interrupt
► Both of these
► None of These

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

Int 14H _____ can be used to set the line parameter of the UART or COM port.

► **Service # 0** **(Page 119)**
► Service # 1
► Service # 2
► None of the given options

دنیا میں سب سے مشکل کام اپنی اصلاح اور سب سے آسان کام دوسروں پر نکتہ چینی کرنا ہے

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

The keyboard makes use of interrupt number _____ for its input operations.

►**9**   **(Page 34)**
►10
►11
►12

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

In self test mode the output of the UART is routed to its input.

►**True**   **(Page 117)**
►False

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

In case of synchronous communication a timing signal is required to identify the start and end of a bit.

►**True**   **(Page 105)**
►False

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

Register can be used to divide frequency is _____

►**Counter Register** **(Page 69)**
►Accumulator Register
►None of these

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

Only _____ ports are important from programming point of view.

► **70 and 71H** **(Page 141)**
►71 and 72H
►70 and 72H
►72 and 73H

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

Which port is known as Data Port_____
►**60H**   **(Page 177)**
►61H
►64H
►69H

بری صحبت سے تنہائی بہتر ہے اور تنہائی سے نیک صحبت بہتر ہے

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Question No: 16 (Marks: 1) - Please choose one
LPTs can be swapped.
►**True (Page 92)**
►False

Question No: 17 (Marks: 1) - Please choose one
PPI is used to perform parallel communication
►**True (Page 81)**
►False

Question No: 18 (Marks: 1) - Please choose one
_____is used to control the printer via the BIOS

►Int 16H
►**Int 17H (Page 84)**
►Int 18H
►Int 19H

Question No: 19 (Marks: 1) - Please choose one
_____ bit is cleared to indicate the low nibble is being sent.

►D1
►D2
►D3
►**D4 (Page 104)**

Question No: 20 (Marks: 1) - Please choose one
DSR stands for _____ .

►**Data set ready (Page 111)**
►Data service ready
►Data stock ready
►None of the given

<div dir="rtl">اللہ کا خوف سب سے بڑی دانائی ہے</div>

Question No: 1   (Marks: 1) - Please choose one
There are two main types of interrupts namely _____.

►PC based and Window based
►Hardware based and Kernal based
►**Hardware interrupts and Software interrupts   (Page 10)**
►None of the given

Question No: 2   (Marks: 1) - Please choose one
To set the interrupt vector means is to change the double word sized interrupt vector within the IVT.

►**True   (Page 22)**
►False

Question No: 3   (Marks: 1) - Please choose one
The service number is usually placed in the _____ register.
►AL
►CL
►**AH (Page 26)**
►AX

Question No: 4   (Marks: 1) - Please choose one
The keyboard makes use of interrupt number _____ for its input operations.
►**9   (Page 34)**
►10
►11
►12

Question No: 5   (Marks: 1) - Please choose one
The service _____ is called the keyboard hook service.

►15H/2FH
►**15H/4FH   (Page 44)**
►15H/FFH

<div dir="rtl">ایماندار کو غصہ دیر سے آتا ہے اور جلدی دور ہو جاتا ہے</div>

Question No: 6   (Marks: 1) - Please choose one
The BIOS interrupt _____ can be used to configure RTC.

►**1AH   (Page 136)**
►2AH
►3AH
►4AH

Question No: 7   (Marks: 1) - Please choose one
The interval timer can operate in _____ modes.

►Five
►Seven
►Four
►**Six   (Page 72)**

Question No: 8   (Marks: 1) - Please choose one
_____ is Disk interrupt.
►10H
►11H
►**13H   (Page 42)**
►14H

Question No: 9   (Marks: 1) - Please choose one
PPI stands for
►Parallel Programmable interface
►**Peripheral Programmable interface   (Page 76)**
►Port Programmable interface
►None of the given

Question No: 10   (Marks: 1) - Please choose one
Int _____ is used to control the printer via the BIOS.
►**17H   (Page 84)**
►18H
►20H
►21H

Question No: 11   (Marks: 1) - Please choose one
Counter register can be used to divide clock signal.
►**True   (Page 69)**
►False

<div dir="rtl">دنیا کی سب سے بڑی فتح نفس پر قابو رکھنا ہے</div>

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

DCE stands for _____.

►**Data communication equipment**   **(Page 109)**
►Distributed Computing Environment
►Data Communications Equipment
►Data Carrier Equipment

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

_____ is used to identify the cause of interrupt.

►**Interrupt ID Register**   **(Page 116)**
►PC Register
►AC Register
►None of All These

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

The bit number _____ of the coprocessor control word is the interrupt enable flag.

►**7** **(Page 168)**
►8
►9
►6

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

There are _____ kinds of serial communication.

►**2**   **(Page 105)**
►3
►4
►5

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

_____ store the base address for LPT1.

►40:00H
►40:02H
►**40:08H**   **(Page 92)**
►40:1AH

زندگی میں کامیابی کا یہی راز ہے کہ پریشانیوں سے پریشان مت بنو

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Question No: 17   (Marks: 1) - Please choose one
The amount of memory above conventional memory (extended memory) can be determined using the service _____.

►**15H/88H   (Page 162)**
►16H/88H
►17H/88H
►21H/88H

Question No: 18   (Marks: 1) - Please choose one
The output on the monitor is controlled by a controller called _____within the PC.

►**Video controller   (Page 30)**
►Bus controller
►Ram controller
►None of the given

Question No: 19   (Marks: 1) - Please choose one
The keyboard input character scan code is received at ____ port.

►**60H   (Page 179)**
►61H
►62H
►63H

Question No: 20   (Marks: 1) - Please choose one
_____ is LED control byte.

►0xFD
►**0xED   (Page 181)**
►0xFF
►0xEE

جھوٹ انسان اور ایمان دونوں کا دشمن ہے

Question No: 1   (Marks: 1) - Please choose one
There are two main types of interrupts, namely

►PC based and Window based
►Hardware based and Kernal based
►**Hardware interrupts and Software interrupts (Page 10)   rep**
►None of the given

Question No: 2   (Marks: 1) - Please choose one
Standard PC operates in two modes in terms of memory which are

►Real mode and Extended Mode
►Base mode and Memory Mode
►None of the given
►**Real mode and protected mode   (Page 6)   rep**

Question No: 3   (Marks: 1) - Please choose one
BPB stands for _____.
►**BIOS parameter block   (Page 243)**
►BIOS processing block
►Base processing block
►BIOS partition block

Question No: 4   (Marks: 1) - Please choose one
The Function of I/O controller is to provide _____.

►I/O control signals
►Buffering
►Error Correction and Detection
►**All of given   (Page 5)**

Question No: 5   (Marks: 1) - Please choose one
IVT is a table containing _____ byte entries each of which is a far address of an interrupt service routine.
►2
►**4   (Page 20)**
►8
►16

عقل مند کہتا ہے میں کچھ نہیں جانتا جبکہ بے وقوف کہتا ہے کہ میں سب کچھ جانتا ہوں

Question No: 6   (Marks: 1) - Please choose one
Each paragraph in keep function is _____ bytes in size.

►4
►8
►**16   (Page 24)**
►32

Question No: 7   (Marks: 1) - Please choose one
Interrupt 9 usually reads the _____ from keyboard.
►ASCII code
►**Scan code   (Page 34)**
►Both ASCII and Scan code
►None of the above

Question No: 8   (Marks: 1) - Please choose one
A software interrupt does not require EOI (End of interrupt).
►**True (Page 49)**
►False

Question No: 9   (Marks: 1) - Please choose one
To store each character in keyboard buffer _____ bytes are required.
►**2   (Page 54)**
►4
►6
►8

Question No: 10   (Marks: 1) - Please choose one
Interrupt _____ is empty; we can use its vector as a flag.

►9H
►13H
►15H
►**65H (Page 65)**

Question No: 11   (Marks: 1) - Please choose one
Command register is an _____ bit register

►4
►**8   (Page 71)**
►16
►32

<div dir="rtl">جو لوگوں کے سامنے فخر کرتا ہے وہ لوگوں کی نظروں سے گر جاتا ہے</div>

Question No: 12   (Marks: 1) - Please choose one
The interval timer can operate in _____modes.

►Three
►Four
►Five
►**Six   (Page 72)   rep**

Question No: 13   (Marks: 1) - Please choose one
The following command "outportb (0x61,inportb(0x61) | 3);" will _____ .
►**Turn on the speaker   (Page 74)**
►Turn off the speaker
►Toggle the speaker
►None of the above

Question No: 14   (Marks: 1) - Please choose one
The PPI acts as an interface between the CPU and a parallel _____ .
►**I/O device   (Page 83)**
►CPU
►BUS
►None of Given

Question No: 15   (Marks: 1) - Please choose one
DTE is _____.
►**Data terminal equipment   (Page 109) rep**
►Data transmitting equipment
►Dual terminal equipment
►None of the given.

Question No: 16   (Marks: 1) - Please choose one
DSR stands for _____ .

►**Data set ready   (Page 111) rep**
►Data service ready
►Data stock ready
►None of the given

Question No: 17   (Marks: 1) - Please choose one
In self test mode the output of the UART is routed to its input.

►**True   (Page 117) rep**
►False

عقل مند اپنے عیب خود دیکھتا ہے اور بیوقوفوں کے عیب دنیا دیکھتی ہے

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Question No: 18   (Marks: 1) - Please choose one
Interrupt _____ is used to get or set the time.

►0AH
►**1AH   (Page 136)**
►2AH
►3AH

Question No: 19   (Marks: 1) - Please choose one
_____ is used to set time.

►1A/02H
►**1A/03H   (Page 138)**
►1A/04H
►1A/05H

Question No: 20   (Marks: 1) - Please choose one
Communication between keyboard and keyboard controller is _____.

►Asynchronous serial
►**Synchronous serial   (not sure)**
►Parallel communication
►None of the given

MIDTERM   EXAMINATION
Spring 2009
CS609- System Programming (Session - 1)

Question No: 1   (Marks: 1) - Please choose one
Following is not a method of I/O

►Programmed I/O
► Interrupt driven I/O
►**Hardware Based I/O   (Page 4)**
►None of given

بد صورت چہرہ بد صورت دماغ سے بہتر ہے

Question No: 2　　(Marks: 1) - Please choose one
The Function of I/O controller is to provide _____.
►I/O control signals
►Buffering
►Error Correction and Detection
►**All of given**　**(Page 5) rep**

Question No: 3　　(Marks: 1) - Please choose one
Which of the following are types of ISR _____.

►BIOS (Basic I/O service) ISR
►DOS ISR
►ISR provided by third party device drivers
►**All of the given**　**(Page 13)**

Question No: 4　　(Marks: 1) - Please choose one
Interrupt service number is usually placed in _____ register.
►CH
►CL
►**AH**　**(Page 26) rep**
►AL

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

►**Non Maskable Interrupt**　**(Page 46)**
►Non Multitude Interrupt
►Non Maskable Instruction
►None of Given

Question No: 6　　(Marks: 1) - Please choose one
A single interrupt controller can arbitrate among ____ different devices.
►4
►6
►**8**　**(Page 47)**
►10

Question No: 7　　(Marks: 1) - Please choose one
Hardware Interrupts are _____.
►Preemptive
►**Non-Preemptive**　**(Page 48) rep**
►Both Preemptive and Non-Preemptive
►None of Given

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

The microprocessor package has many signals for data. Below are some in Correct priority order (Higher to Lower).

►**Reset,Hold,NMI,INTR**　　**(Page 46)**
►NMI, INTR,Hold,Reset
►INTR,NMI,Reset,Hold
►None of the Given

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

The interval timer can operate in _____modes.

►Three
►Four
►Five
►**Six**　　**(Page 72) rep**

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

PPI stands for _____.

►Parallel Programmable interface
►**Peripheral Programmable interface**　　**(Page 76) rep**
►Port Programmable interface
►None of the given

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

The following command "outportb (0x61,inportb(0x61) & 0xFC);" will

►**Turn on the speaker**　　**(Page 74)**
►Turn off the speaker
►Toggle the speaker
►None of the given

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

The PPI acts as an interface between the CPU and a parallel _____ .

►**I/O device**　　**(Page 83) rep**
►CPU
►BUS
►None of Given

عقل مند آدمی اس وقت تک نہیں بولتا جب تک خاموشی نہیں ہو جاتی

Question No: 13   (Marks: 1) - Please choose one
BIOS DO NOT support _____.

►LPT1
►LPT2
►LPT3
►**LPT4   (Page 91)**

Question No: 14   (Marks: 1) - Please choose one
_____ bit is cleared to indicate the low nibble is being sent.

►D1
►D2
►D3
►**D4   (Page 101)**

Question No: 15   (Marks: 1) - Please choose one
The bit _____ of Line control register in UART, if cleared will indicate that DLL is the data register.

►1
►3
►5
►**7   (Page 114)**

Question No: 16   (Marks: 1) - Please choose one
Int 14H _____ can be used to set the line parameter of the UART or COM port.

►**Service # 0   (Page 119) rep**
►Service # 1
►Service # 2
►Service # 3

Question No: 17   (Marks: 1) - Please choose one
_____ used to determine the amount of conventional memory interfaced with the processor in kilobytes.

►INT 10 H
►INT 11 H
►**INT 12 H   (Page 162)**
►INT 13 H

<div dir="rtl">جو شخص ناکامیوں سے ڈر کر بھاگتا ہے کامیابی اُس سے ڈر کر بھاگتی ہے</div>

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Question No: 18   (Marks: 1) - Please choose one
Bit number _____ of coprocessor control word is the Interrupt Enable Flag.

►7   (Page 168)
►8
►9
►10

Question No: 19   (Marks: 1) - Please choose one
To distinguish 486 with Pentium CPUID Test is used.

►True   (Page 166)
►False

Question No: 20   (Marks: 1) - Please choose one
_____ is LED control byte.

►0xF3
►0xED   (Page 181) rep
►0xE5
►0xFF

MIDTERM   EXAMINATION
Spring 2009
CS609- System Programming (Session - 1)

Question No: 1   (Marks: 1) - Please choose one
The memory addresses of COM ports remain same for all computers

►True
►False

Question No: 2   (Marks: 1) - Please choose one
Int_____ service 0 can be used to set the line parameter of the UART or COM port.

►14H   (Page 119)
►15H
►13H
►None of the given option

انسان دکھ نہیں دیتے بلکہ انسانوں سے وابستہ امیدیں دکھ دیتی ہیں

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

In case of synchronous communication a timing signal is required to identify the start and end of a bit.

> ►True   (Page 105) rep
> ►False

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

BIOS support _____UARTS as COM ports.

> ►6
> ►4   (Page 113)
> ►3
> ►2

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

The_____ function uses the COM port number to receive a byte from the COM port using BIOS services.

> ►recievebyte()
> ►initialize ()
> ►receive()
> ►recievechar()   (Page 125)

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

DTE is _____

> ►Data terminal equipment   (Page 109) rep
> ►Data transmitting equipment
> ►Dual terminal equipment
> ►None of above

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

Int 14H_____ can be used to send a byte

> ►Service#0
> ►Service#1   (Page 121)
> ►Service#2
> ►None of the given option.

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

Int 14H_____ can be used to set the line parameter of the UART or COM port

> ►Service#0   (Page 119) rep
> ►Service#1
> ►Service#2
> ►None of the given option

<div dir="rtl">بہترین تجربہ وہ ہے جس سے نصیحت حاصل ہو</div>

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

The _____function initialize the COM port whose number is passed as parameter using BIOS services.

►Initializecom()
►**Initialize()   (Page 125)**
►Recievechar()
►None of these option

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

____whenever received indicates the start of communication and _____ whenever received indicates a temporary pause in the communication.

►XON & XOFF   (Page 135)
►XOFF & XON
►XON & YOFF
►YON & XOFF

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

_____ is used to identify cause of interrupt.

►Interrupt enable register
►**Interrupt ID register   (Page 116) rep**
►Interrupt Status register
►None of the above

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

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

►Synchronous communication
►**Asynchronous communication**   (Page 106)
►Both
►None of given

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

_____ is a device incorporated into the PC to update time even if the computer is off.

►Clock counter
►ROM
►Clock
►**Real time clock   (Page 136)**

خوبصورتی علم وادب سے ہوتی ہے لباس وحسن سے نہیں

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

There are two type of communication synchronous and Anti Synchronous

    ►True

    ►False **(Page 105)**

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

The _____ function simply enables the self test facility within the modem control register

    ►STOn()

    ►SelfTest()

    ►SelfTestOn() **(Page 127)**

    ►Non of these

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

DCE is _____

    ►Data communication equipment **(Page 109) rep**

    ►Dual communication equipment

    ►Data clearing equipment

    ► None of given

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

REGS is a Union

    ►True

    ►False

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

In self test mode the output of the UART is routed to its input

    ►True **(Page 117) rep**

    ►False

تم اچھا کرو زمانہ تم کو برا سمجھے یہ اس سے بہتر ہے کہ تم برا کرو اور زمانہ تم کو اچھا سمجھے

19

CS609 System Programming
Mid Term Examination – Spring 2006

Question No. 1 Marks : 2
If CPUID instruction is not present then the processor can be a

► **486 processor** **(Page 166)**
► 386 processor
► 286 processor
► All of the above

Question No. 2 Marks : 2
On the execution of IRET instruction, number of bytes popped from stack is

► 4 bytes
► 6 bytes
► **8 bytes** **Click here for detail**
► 10 bytes

Question No. 3 Marks : 2
Keyboard Status Byte is located at the address

► 0040:0000H
► 0040:0013H
► 0040:0015H
► **0040:0017H** **(Page 29)**

Question No. 4 Marks : 2
If we use keep (0, 1000) in a TSR program, the memory allocated to it is

► 64000 bytes
► 32000 bytes
► **16000 bytes**
► 80000 bytes

Question No. 5 Marks : 2
Maximum number of interrupts in a standard PC is

► 64
► 128
► **256** **(Page 10)**
► 512

CS609 – Solved Quizzes (1 & 2)

Quiz No.1

Question : 1 of 10   (Marks: 1) - Please choose one
Total No. of bytes that can be stored in Keyboard Buffer is_____.

►16
►32   (Page 54)
►64
►128

Question : 2 of 10   (Marks: 1) - Please choose one
If printer is _____ then printer sends back the ACK signal to the printer interface

►idle   (Page 97)
►busy
►Out of paper
►None of the given

Question : 3 of 10   (Marks: 1) - Please choose one
The baud rate is set in accordance with the divisor value loaded within the UART internal registers base +0 and base +1.

►TRUE   (Page 114)
►FALSE

Question : 4 of 10   (Marks: 1) - Please choose one
Int 14H _____ can be used to receive a byte.

►Service # 0
►Service # 1
► Service # 2   (Page 121)
►None of the given options

Question : 5 of 10   (Marks: 1) - Please choose one
The BIOS interrupt 0x1AH can be used to configure real time clock

►True   (Page 136)
►False

Question : 6 of 10   (Marks: 1) - Please choose one
------------ is used to read date from RTC

►1A\02H
►1A\03H
►**1A\04H   (Page 138)**
►1A\05H

Question : 7 of 10   (Marks: 1) - Please choose one
The   -------- function receive a byte and COM port number is passed as parameter using BIOS service

►Receivebyte ();
►Receive ();
►**Receivechar ();   (Page 125)**
►None of the given option

Question : 8 of 10   (Marks: 1) - Please choose one
------------ whenever receive indicates the start of communication ……….. whenever receive indicates the end of communication

►**XON\XOFF   (Page 135)**
►XOFF\XON
►XON\YOFF
►YON\XOFF

Question : 9 of 10   (Marks: 1) - Please choose one
------------ is used to read time from RTC
►**1A\02H   (Page 137)**
►1A\03H
►1A\04H
►1A\05H

Question : 10 of 10   (Marks: 1) - Please choose one
------------ is used to set time from RTC

►1A\02H
►**1A\03H   (Page 138)**
►1A\04H
►1A\05H

<div dir="rtl">انسان کے لئے بری صحبت سے بڑھ کر بری کوئی چیز نہیں</div>

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Quiz No.2

Question : 1 of 10   (Marks: 1) - Please choose one
Software based flow control make use of -------- control characters

►Xon
►XOFF
►**Both**   **(Page 135)**
►None

Question : 2 of 10   (Marks: 1) - Please choose one
What will be the value of DL register when we are accessing C drive using undocumented service 21H/32H?

►0
►1
►2
►**3**   **(Page 249)**

Question : 3 of 10   (Marks: 1) - Please choose one
Set the Interrupt vector means to change the double word sized interrupt vector within IVT.
►**True**   **(Page 22)**
►False

Question : 4 of 10   (Marks: 1) - Please choose one
If keyboard buffer is empty the head and tail points at the same location.
►**True**   **(Page 55)**
►False

Question : 5 of 10   (Marks: 1) - Please choose one
Standard PC can have _____ PPI.
►1
►**4**   **(Page 84)**
►8
►16

Question : 6 of 10   (Marks: 1) - Please choose one
By cascading two DMAs _____ bits can be transferred.
►4
►8
►**16**   **(Page 186)**
►32

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Question : 7 of 10   (Marks: 1) - Please choose one
PPI interconnection _____ bits is cleared to indicate low nibble is being sent.

►D1
►D2
► D3
► **D4   (Page 101)**

Question : 8 of 10   (Marks: 1) - Please choose one
File can be_____ viewed as collection of clusters or blocks.

►**Physically   (Page 256)**
►Logically
►Both physically and logically
►None

Question : 9 of 10   (Marks: 1) - Please choose one
Operating system name contains ____ bytes in boot block.

►3
►5
►**8   (Page 257)**
►11

Question : 10 of 10   (Marks: 1) - Please choose one
File system used in CD's is_____ file system

►**Contiguous**   http://www.pgallert.de/english/SysAdmin/OS/file.htm
►Chained
►Indexed
►None

Question : 1 of 10   (Marks: 1) - Please choose one
_____means typematic rate will be sent in next byte.

►**0xF3   (Page 180)**
►0xF4
►0xF5
►0xF6

<div dir="rtl">خاموشی غصے کا بہترین علاج ہے</div>

Question : 2 of 10   **(Marks: 1) - Please choose one**
To access the block within cluster using BIOS services the cluster number should be converted into _____.

►CHS
►LBA
►**LSN**   **(Page 258)**
►None of the given

Question : 3 of 10   **(Marks: 1) - Please choose one**
Display device (Monitor) performs _____ **I**/O.

►**memory mapped**   **(Page 30)**
►Isolated
►Both of above
►None of these

Question : 4 of 10   **(Marks: 1) - Please choose one**
Timer interrupt occurs _____ times every second by means of hardware.

►**18.2**   **(Page 28)**
►16.2
►15.2
►14.2

Question : 5 of 10   **(Marks: 1) - Please choose one**
An I/O device cannot be directly connected to the busses so controller is placed between CPU and I/O.

►**True**   **(Page 83)**
►False

Question : 6 of 10   **(Marks: 1) - Please choose one**
Keyboard uses port _____ as status port.
►**64H**   **(Page 177)**
►66H
►67H
►69H

Question : 7 of 10   **(Marks: 1) - Please choose one**
Tail of keyboard should get to get the start of buffer.
►**True**   **(Page 55)**
►False

<div dir="rtl">جھوٹ رزق کو کھا جاتا ہے</div>

Question : 4 of 10   (Marks: 1) - Please choose one

Control information in files is maintained using

►BPB
►DPB
►**FCB   (Page 256)**
►FPB

Question : 5 of 10   (Marks: 1) - Please choose one

_____ No. of bytes are used to store the character in the keyboard buffer.

► 1
►**2   (Page 54)**
►4
► 8

Question : 6 of 10   (Marks: 1) - Please choose one

The _____ service # is not used in any interrupt.

►01
►02
►03
►**FF**

Question : 7 of 10   (Marks: 1) - Please choose one

At IRQ 7 Interrupt # ___ is used.

► 0x0A
►0x0B
► 0x0C
►**0x0F   (Page 95)**

Question : 8 of 10   (Marks: 1) - Please choose one

We have set the bit No. 7 of IMR(Interrupt Mask Register) to unmask the Interrupt so that interrupt _____ can occur at _____ line.

►**0xf ,IRQ 7**
► 0xa, IRQ 6
► 0x8, IRQ 5
►0x6, IRQ 2

افضل انسان وہ ہے جو اپنی اصلاح کی کوشش کرتا ہے

Question : 9 of 10   (Marks: 1) - Please choose one

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

►high, 0x42
►low, 0x22
►high, 0x22
►low, 0x42

Question : 10 of 10   (Marks: 1) - Please choose one

In order to produce the sound from PC internal Speaker we have to load the___bit divisor value at the ___port.

►8, 0x21
►16, 0x42
►32, 0x22
►64, 0x32

Question : 1 of 10   (Marks: 1) - Please choose one

In counter register bit no. 3 changes its value between 0 and 1 with in _____clock cycles

►1
►2
►4
► 16   (Page 69)

Question : 2 of 10   (Marks: 1) - Please choose one

In keyboard status byte bit no. 2 and 3 are used for ctrl and alt keys respectively. which of the following condition is used to check that Ctrl + Alt keys are pressed. Where: unsigned char far * scr = (unsigned char far *)(0x00400017);

►if (((*scr)&12)==12)
►if (((*scr)&8)==8)
►if (((*scr)&4)==4)
►if (((*scr)&2)==2)

اپنی مرضی اور اللہ کی مرضی میں فرق کا نام غم ہے

اس سے پہلے کہ تمہیں شہوت فتنے میں ڈالے نکاح کر لو

وہ لوگ مبارک ہیں جو الفاظ سے نصیحت نہیں کرتے بلکہ عمل سے کرتے ہیں

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