

National Testing Agency

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Computer Fundamentals

Group Number :	1
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Computer Fundamentals-1

Section Id :	512452789
Section Number :	1
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Mandatory or Optional :	Mandatory
Number of Questions :	100
Number of Questions to be attempted :	100
Section Marks :	100
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	512452796
Question Shuffling Allowed :	Yes

**Question Number : 1 Question Id : 51245212652 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

A bus defines:

1. Connections between CPU and memory
2. Set of control, data & address lines
3. Means of communication between CPU and memory
4. All of the above

Options :

- 51245238777. 1
- 51245238778. 2
- 51245238779. 3
- 51245238780. 4

Question Number : 2 Question Id : 51245212653 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A flow chart uses which one of the following symbols for decision making?

1. Line
2. Rectangle
3. Ellipse
4. None of the above

Options :

- 51245238781. 1
- 51245238782. 2
- 51245238783. 3
- 51245238784. 4

Question Number : 3 Question Id : 51245212654 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which one of the following is NOT an output device?

1. CRT Display
2. Printer
3. Mouse
4. All of the above

Options :

- 51245238785. 1
- 51245238786. 2

51245238787. 3

51245238788. 4

Question Number : 4 Question Id : 51245212655 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which one of the following is designed to fit the natural hand position, movements and to reduce discomfort?

1. Mouse
2. Keyboard
3. Trackball Mouse
4. None of the above

Options :

51245238789. 1

51245238790. 2

51245238791. 3

51245238792. 4

Question Number : 5 Question Id : 51245212656 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Computer mouse sensitivity is measured in terms of:

1. Hand movements against pixel movements
2. Clicks per second
3. Ticks per Second
4. Physical mouse movements

Options :

51245238793. 1

51245238794. 2

51245238795. 3

51245238796. 4

Question Number : 6 Question Id : 51245212657 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A device used for handwriting recognition is:

1. Analog Pen
2. Optical Mark Reader
3. Stylus and touch sensitive screen
4. All of the above

Options :

- 51245238797. 1
- 51245238798. 2
- 51245238799. 3
- 51245238800. 4

Question Number : 7 Question Id : 51245212658 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Del key deletes

1. Text to the left of the cursor
2. Text to the right of the cursor
3. Both Option 1 and Option 2
4. None of the above

Options :

- 51245238801. 1
- 51245238802. 2
- 51245238803. 3
- 51245238804. 4

Question Number : 8 Question Id : 51245212659 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The common technology used for library books is

1. Optical mark reader
2. RFID
3. Magnetic Ink Character Recognition (MICR) Readers
4. Bar code reader

Options :

- 51245238805. 1
- 51245238806. 2

51245238807. 3

51245238808. 4

Question Number : 9 Question Id : 51245212660 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following are used to identify individuals based on measurable biological characteristics?

1. Blood vein scanner
2. Eyeball scanner
3. Finger print scanner
4. All of the above

Options :

51245238809. 1

51245238810. 2

51245238811. 3

51245238812. 4

Question Number : 10 Question Id : 51245212661 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following scanners allow for scanning loose sheets?

1. Overhead & Flatbed scanner
2. Sheetfed scanner
3. Handheld scanner
4. All of the above

Options :

51245238813. 1

51245238814. 2

51245238815. 3

51245238816. 4

Question Number : 11 Question Id : 51245212662 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is/are a storage device(s)?

1. HDD
2. SSD
3. Pen Drive
4. All of the above

Options :

- 51245238817. 1
- 51245238818. 2
- 51245238819. 3
- 51245238820. 4

Question Number : 12 Question Id : 51245212663 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which one of the following is an example of sequential access storage device?

1. HD Drive
2. CD Drive
3. Tape Drive
4. Pen Drive

Options :

- 51245238821. 1
- 51245238822. 2
- 51245238823. 3
- 51245238824. 4

Question Number : 13 Question Id : 51245212664 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

One tera byte is equal to

1. 100000 KB
2. 1000 PB
3. 1000 GB
4. 1000 TB

Options :

- 51245238825. 1
- 51245238826. 2

51245238827. 3

51245238828. 4

Question Number : 14 Question Id : 51245212665 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The information stored in the hard disk storage system is in the form of:

1. Tracks and Sectors
2. Cylinders, Tracks and Sectors
3. Cylinders, Tracks and Blocks
4. None of the above

Options :

51245238829. 1

51245238830. 2

51245238831. 3

51245238832. 4

Question Number : 15 Question Id : 51245212666 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A DVD is an example of a:

1. Hard disk
2. Optical disc
3. Output device
4. CD ROM Device

Options :

51245238833. 1

51245238834. 2

51245238835. 3

51245238836. 4

Question Number : 16 Question Id : 51245212667 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following does NOT store data permanently?

1. RAM
2. DDRAM
3. SDRAM
4. All of the above

Options :

- 51245238837. 1
- 51245238838. 2
- 51245238839. 3
- 51245238840. 4

Question Number : 17 Question Id : 51245212668 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Pen drive is an example of

1. Secondary memory
2. Primary memory
3. Main Memory
4. Cache memory

Options :

- 51245238841. 1
- 51245238842. 2
- 51245238843. 3
- 51245238844. 4

Question Number : 18 Question Id : 51245212669 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A floppy disk is an example of

1. Primary Storage Device
2. Secondary Storage Device
3. Secondary Software Device
4. Primary Software Device

Options :

- 51245238845. 1
- 51245238846. 2
- 51245238847. 3

51245238848. 4

Question Number : 19 Question Id : 51245212670 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

DVD is a

1. Digital Video Disc with Read and Write options
2. Digital Versatile Disc with Write only option
3. Digital Versatile Disc with Read and Write options
4. Digital Video Disc with Read options

Options :

- 51245238849. 1
- 51245238850. 2
- 51245238851. 3
- 51245238852. 4

Question Number : 20 Question Id : 51245212671 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

All modern computers operate on:

1. Data
2. Instructions
3. Both Data and Instructions
4. None of the above

Options :

- 51245238853. 1
- 51245238854. 2
- 51245238855. 3
- 51245238856. 4

Question Number : 21 Question Id : 51245212672 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

BP registers stands for:

1. Boolean Pointer
2. Basic Printer
3. Base Pointer
4. None of the above

Options :

- 51245238857. 1
- 51245238858. 2
- 51245238859. 3
- 51245238860. 4

Question Number : 22 Question Id : 51245212673 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The status register in 8088 microprocessor is a 16-bit. Out of 16-bits, the flag, which is mostly used in control loops is _____ flag

1. Carry
2. Zero
3. Sign
4. Parity

Options :

- 51245238861. 1
- 51245238862. 2
- 51245238863. 3
- 51245238864. 4

Question Number : 23 Question Id : 51245212674 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

AMD stands for

1. Advanced Micro Devices
2. Advanced Macro Devices
3. Advanced Microprocessor Device
4. Analog Microprocessor Device

Options :

- 51245238865. 1

51245238866. 2

51245238867. 3

51245238868. 4

Question Number : 24 Question Id : 51245212675 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which microprocessor is latest i3, i5 or i7?

1. i7

2. i5

3. i3

4. Latest generations of all processor models are announced regularly

Options :

51245238869. 1

51245238870. 2

51245238871. 3

51245238872. 4

Question Number : 25 Question Id : 51245212676 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

DSP stands for

1. Digital Signal Processing

2. Digital Standard Processing

3. Digital Signal Product

4. Directional Serial Port

Options :

51245238873. 1

51245238874. 2

51245238875. 3

51245238876. 4

Question Number : 26 Question Id : 51245212677 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Advantage(s) of multi-core technology is/are:

1. Performance of CPU increases
2. Manages higher throughput with lower clock rates
3. Lowers heat dissipation
4. All of the above

Options :

- 51245238877. 1
- 51245238878. 2
- 51245238879. 3
- 51245238880. 4

Question Number : 27 Question Id : 51245212678 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Power of vaporization is used in which mechanism to cool down the device?

1. Heat sink
2. Heating Pipes
3. Temporary heat sink
4. None of the above

Options :

- 51245238881. 1
- 51245238882. 2
- 51245238883. 3
- 51245238884. 4

Question Number : 28 Question Id : 51245212679 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Network Cards use

1. PS\2 Connectors
2. USB Connector
3. Rj-45 Connectors
4. None of the above

Options :

- 51245238885. 1
- 51245238886. 2
- 51245238887. 3

51245238888. 4

Question Number : 29 Question Id : 51245212680 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which component(s) of the CPU perform(s) basic tasks of getting instructions and finding out what it does?

1. Prefetch & Control Unit
2. Prefetch & Decode Unit
3. Decode & Control unit
4. None of the above

Options :

- 51245238889. 1
- 51245238890. 2
- 51245238891. 3
- 51245238892. 4

Question Number : 30 Question Id : 51245212681 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

A micro instruction in a micro program is represented as

1. Status of various switches controlling data transfer within CPU and actions
2. A binary pattern of unique micro task
3. Micro task to perform the CPU instruction
4. All of the above

Options :

- 51245238893. 1
- 51245238894. 2
- 51245238895. 3
- 51245238896. 4

Question Number : 31 Question Id : 51245212682 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

FTP is a protocol over

1. File Transfer Protocol
2. TCP/IP
3. Internet
4. All of the above

Options :

- 51245238897. 1
- 51245238898. 2
- 51245238899. 3
- 51245238900. 4

Question Number : 32 Question Id : 51245212683 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The Central Device of the star topology can be:

1. HUB
2. Switch
3. Both Option 1 and Option 2
4. None of the above

Options :

- 51245238901. 1
- 51245238902. 2
- 51245238903. 3
- 51245238904. 4

Question Number : 33 Question Id : 51245212684 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

A firewall is:

1. An established network performance reference point
2. Software or hardware used to isolate a private network from a public network
3. An antivirus that protects network from viruses
4. A logical wall to protect network from fires

Options :

- 51245238905. 1
- 51245238906. 2

51245238907. 3

51245238908. 4

Question Number : 34 Question Id : 51245212685 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Data transmission takes place through light pulses in:

1. Optical-fiber
2. Co-axial cable
3. Twisted pair wire
4. Copper cable

Options :

51245238909. 1

51245238910. 2

51245238911. 3

51245238912. 4

Question Number : 35 Question Id : 51245212686 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The cable length for normal transmission in a twisted pair is:

1. Up to 1 KM
2. Up to 100 KM
3. Up to 50 KM
4. Up to 10 KM

Options :

51245238913. 1

51245238914. 2

51245238915. 3

51245238916. 4

Question Number : 36 Question Id : 51245212687 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

GIF stands for

1. General Index Format
2. General Image Format
3. Graphic Index Format
4. None of the above

Options :

- 51245238917. 1
- 51245238918. 2
- 51245238919. 3
- 51245238920. 4

Question Number : 37 Question Id : 51245212688 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

A video signal transmitted with all the signals mixed together and carried on a single cable is called:

1. Composite Video
2. RGB Video
3. Mixed Video
4. All of the above

Options :

- 51245238921. 1
- 51245238922. 2
- 51245238923. 3
- 51245238924. 4

Question Number : 38 Question Id : 51245212689 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which one of the following is NOT an example of multimedia applications?

1. Interactive television
2. Online Games
3. Payroll processing of employee salaries, pay slips etc
4. Animation

Options :

- 51245238925. 1

51245238926. 2

51245238927. 3

51245238928. 4

Question Number : 39 Question Id : 51245212690 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which one of the following enables a computer to output a video?

1. Video card
2. Graphics card
3. Motherboard
4. None of the above

Options :

51245238929. 1

51245238930. 2

51245238931. 3

51245238932. 4

Question Number : 40 Question Id : 51245212691 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

If you want every action performed by the computer to be done within a predefined specified time, which type of OS would you choose?

1. Real-time OS
2. Multi-tasking OS
3. Distributed OS
4. None of the above

Options :

51245238933. 1

51245238934. 2

51245238935. 3

51245238936. 4

Question Number : 41 Question Id : 51245212692 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The Ctrl-Alt-Del keys combination helps us to

1. Log out & Restart
2. Lock user
3. Switch to Task Manager
4. All of the above

Options :

- 51245238937. 1
- 51245238938. 2
- 51245238939. 3
- 51245238940. 4

Question Number : 42 Question Id : 51245212693 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A flowchart:

1. Is a sequence of connected symbols representing a program design
2. Helps to build program logic
3. Is a tool for visual design of program logic
4. All of the above

Options :

- 51245238941. 1
- 51245238942. 2
- 51245238943. 3
- 51245238944. 4

Question Number : 43 Question Id : 51245212694 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Fill in the blank

The _____ loader, loads the first program to be run by the computer, usually, it is an operating system

1. Absolute
2. Bootstrap
3. Relocating
4. None of the above

Options :

- 51245238945. 1
- 51245238946. 2
- 51245238947. 3
- 51245238948. 4

Question Number : 44 Question Id : 51245212695 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Breakpoint is used to debug a program in:

- 1. Step-by-step execution from a specific point
- 2. Step-by-step execution from the beginning
- 3. Step-by-step execution from subroutines only
- 4. All of the above

Options :

- 51245238949. 1
- 51245238950. 2
- 51245238951. 3
- 51245238952. 4

Question Number : 45 Question Id : 51245212696 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which emulator runs android apps in windows?

- 1. LD Player
- 2. MEMU
- 3. Bluestack
- 4. All of the above

Options :

- 51245238953. 1
- 51245238954. 2
- 51245238955. 3
- 51245238956. 4

Question Number : 46 Question Id : 51245212697 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The 8088 microprocessor is capable of handling upto _____.

1. 128 input ports
2. 128 input and 128 output ports
3. 128 output ports
4. None of the above

Options :

- 51245238957. 1
- 51245238958. 2
- 51245238959. 3
- 51245238960. 4

Question Number : 47 Question Id : 51245212698 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

If the digit is stored in ASCII format, one byte can store how many digit(s)?

1. 4
2. 1
3. 2
4. 3

Options :

- 51245238961. 1
- 51245238962. 2
- 51245238963. 3
- 51245238964. 4

Question Number : 48 Question Id : 51245212699 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Typematic delay is:

1. Maximum time for which a key must be held pressed for automatic retransmission
2. Time between two key press operations
3. Minimum time for which a key must be held pressed for automatic retransmission
4. Inverse of typematic rate in cps

Options :

- 51245238965. 1
- 51245238966. 2

51245238967. 3

51245238968. 4

Question Number : 49 Question Id : 51245212700 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

An interrupt breaks the execution of instructions and diverts its execution to:

1. Specified ISR
2. Specified Memory Location
3. Execution unit
4. Control unit

Options :

51245238969. 1

51245238970. 2

51245238971. 3

51245238972. 4

Question Number : 50 Question Id : 51245212701 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

RAID is defined as:

1. Redundant Array of Inexpensive Disks
2. Redundant Array of Isolated Disks
3. Redundant Array of Interconnected Disks
4. Redundant Array of Independent Disks

Options :

51245238973. 1

51245238974. 2

51245238975. 3

51245238976. 4

Question Number : 51 Question Id : 51245212702 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A keystroke on a keyboard sends what exactly as an input to the CPU?

1. Alphabets
2. Numbers
3. ASCII equivalent of the key character pressed
4. All of the above

Options :

51245238977. 1

51245238978. 2

51245238979. 3

51245238980. 4

Question Number : 52 Question Id : 51245212703 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The number of bits that a computer can read/write from the memory at a time is called it's

1. Word length
2. Memory bandwidth
3. Databus
4. Characters processing

Options :

51245238981. 1

51245238982. 2

51245238983. 3

51245238984. 4

Question Number : 53 Question Id : 51245212704 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A modern computer's speed is measured in terms of:

1. Million Instructions per Second (MIPS)
2. Mega Hertz (MHz) and Giga Hertz (GHz)
3. Miles per Hour (MPH)
4. GFLOPS and PFLOPS

Options :

51245238985. 1

51245238986. 2

51245238987. 3

51245238988. 4

Question Number : 54 Question Id : 51245212705 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which one of the following is NOT an Output device?

1. Printer
2. Bar code reader
3. LCD Monitor
4. Speaker

Options :

51245238989. 1

51245238990. 2

51245238991. 3

51245238992. 4

Question Number : 55 Question Id : 51245212706 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A virtual keyboard is used for:

1. Password entry
2. Security
3. Protection against worms
4. All of the above

Options :

51245238993. 1

51245238994. 2

51245238995. 3

51245238996. 4

Question Number : 56 Question Id : 51245212707 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which key deletes the previous character?

1. Enter Key
2. Control Key
3. Backspace key
4. Delete key

Options :

- 51245238997. 1
- 51245238998. 2
- 51245238999. 3
- 51245239000. 4

Question Number : 57 Question Id : 51245212708 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Speed and movement direction of a computer mouse is measured in

1. Miles per Hour
2. Grams per Meter
3. Mickey per Second
4. Pixel positions per second

Options :

- 51245239001. 1
- 51245239002. 2
- 51245239003. 3
- 51245239004. 4

Question Number : 58 Question Id : 51245212709 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

OCR stands for

1. Optimal Character Recognizer
2. Optical Computer Recorder
3. Optical Character Reader
4. Optical Character Recognizer

Options :

- 51245239005. 1
- 51245239006. 2
- 51245239007. 3
- 51245239008. 4

Question Number : 59 Question Id : 51245212710 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which display device consumes maximum power?

- 1. CRT
- 2. LED
- 3. LCD
- 4. OLED

Options :

- 51245239009. 1
- 51245239010. 2
- 51245239011. 3
- 51245239012. 4

Question Number : 60 Question Id : 51245212711 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

(MICR) Readers are mainly used in:

- 1. Hospitals
- 2. Banks
- 3. Schools
- 4. None of the above

Options :

- 51245239013. 1
- 51245239014. 2
- 51245239015. 3
- 51245239016. 4

Question Number : 61 Question Id : 51245212712 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

An all around pickup microphone is:

1. Bi-directional pattern
2. Omni directional pattern
3. Unidirectional pattern
4. Cardioid pattern

Options :

51245239017. 1

51245239018. 2

51245239019. 3

51245239020. 4

Question Number : 62 Question Id : 51245212713 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

RAM stands for:

1. Random Access Memory
2. Random Across Memory
3. Read Access Memory
4. None of the above

Options :

51245239021. 1

51245239022. 2

51245239023. 3

51245239024. 4

Question Number : 63 Question Id : 51245212714 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which memory is volatile in nature which means its contents are destroyed if the power is switched off?

1. RAM
2. Hard Disk Drive
3. Floppy Disk
4. ROM

Options :

51245239025. 1

51245239026. 2

51245239027. 3

51245239028. 4

Question Number : 64 Question Id : 51245212715 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which one of the following is a random access storage device?

1. Pen Drive
2. Audio Cassette
3. Tape Drive
4. Cartridge Drive

Options :

51245239029. 1

51245239030. 2

51245239031. 3

51245239032. 4

Question Number : 65 Question Id : 51245212716 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The organization of information stored in the computer system as a file is called:

1. Physical Representation
2. Logical Representation
3. Vertical Representation
4. None of the above

Options :

51245239033. 1

51245239034. 2

51245239035. 3

51245239036. 4

Question Number : 66 Question Id : 51245212717 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The total time taken for a hard drive to read or write data depends mainly on the

1. Disk Retrieve Time
2. Disk Seek & Latency Time
3. R/W Time
4. Disk Retrieve & Write Time

Options :

- 51245239037. 1
- 51245239038. 2
- 51245239039. 3
- 51245239040. 4

Question Number : 67 Question Id : 51245212718 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The example of utility software in an operating system

1. FORMAT
2. CD
3. COPY
4. None of the above

Options :

- 51245239041. 1
- 51245239042. 2
- 51245239043. 3
- 51245239044. 4

Question Number : 68 Question Id : 51245212719 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Debugger Software has the capability of

1. Step-by-step execution
2. Watch variables
3. Break Points
4. All of the above

Options :

- 51245239045. 1
- 51245239046. 2

51245239047. 3

51245239048. 4

Question Number : 69 Question Id : 51245212720 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Virtual keyboard more secured than touch keyboard?

1. YES
2. NO
3. Both are identical in the matter of security
4. None of the above

Options :

51245239049. 1

51245239050. 2

51245239051. 3

51245239052. 4

Question Number : 70 Question Id : 51245212721 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

MAR stands for

1. Memory Accumulator Register
2. Memory Address Register
3. Memory Area Register
4. None of the above

Options :

51245239053. 1

51245239054. 2

51245239055. 3

51245239056. 4

Question Number : 71 Question Id : 51245212722 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

MDR stands for

1. Memory Data Register
2. Memory Document Register
3. Main Data Register
4. Memory Device Recording

Options :

- 51245239057. 1
- 51245239058. 2
- 51245239059. 3
- 51245239060. 4

Question Number : 72 Question Id : 51245212723 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The Intel Corporation designed its first microprocessor supported on the DOS operating system named

1. 4004
2. 4040
3. 8080
4. 3003

Options :

- 51245239061. 1
- 51245239062. 2
- 51245239063. 3
- 51245239064. 4

Question Number : 73 Question Id : 51245212724 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Even or odd addressed memory locations can be independently accessed as

1. Single byte
2. Multiple bytes
3. Both Option 1 and Option 2
4. None of the above

Options :

- 51245239065. 1

51245239066. 2

51245239067. 3

51245239068. 4

Question Number : 74 Question Id : 51245212725 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Fill in the blank

When _____ is set, it indicates that the signed result (where the most significant bit is treated as sign of the number) is either overflow or underflow in the negative range

1. Overflow Flag
2. Sign Flag
3. Zero Flag
4. None of the above

Options :

51245239069. 1

51245239070. 2

51245239071. 3

51245239072. 4

Question Number : 75 Question Id : 51245212726 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which one of the following was the first chip to contain ten million transistors?

1. 8086 microprocessor
2. 80486 microprocessor
3. Pentium III katamai microprocessor
4. None of the above

Options :

51245239073. 1

51245239074. 2

51245239075. 3

51245239076. 4

Question Number : 76 Question Id : 51245212727 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Advanced Micro Devices (AMD) designed a processor called

1. Athlon
2. Pentium Pro
3. 8088
4. AMD 650

Options :

- 51245239077. 1
- 51245239078. 2
- 51245239079. 3
- 51245239080. 4

Question Number : 77 Question Id : 51245212728 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

By which company and in which year was the multi core technology developed?

1. IBM; 2007
2. IBM; 2001
3. Intel; 2006
4. Intel; 2007

Options :

- 51245239081. 1
- 51245239082. 2
- 51245239083. 3
- 51245239084. 4

Question Number : 78 Question Id : 51245212729 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Fill in the blank

_____, a type of recirculation system, uses the cooling power of vaporization to move heat from one place to another

1. Passive heat sinks
2. Heat Pipe
3. Thermal interface
4. None of the above

Options :

- 51245239085. 1
- 51245239086. 2
- 51245239087. 3
- 51245239088. 4

Question Number : 79 Question Id : 51245212730 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which ports are also called as Legacy Ports?

1. SCSI Port and IrDA Port
2. Serial Port and Parallel Port
3. SCSI Port and Serial Port
4. RS-232 and RJ-45

Options :

- 51245239089. 1
- 51245239090. 2
- 51245239091. 3
- 51245239092. 4

Question Number : 80 Question Id : 51245212731 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

SCSI stands for

1. Small Computer System Interface
2. System Controller Small Interface
3. Small Computer Small Interface
4. None of the above

Options :

51245239093. 1

51245239094. 2

51245239095. 3

51245239096. 4

Question Number : 81 Question Id : 51245212732 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A compiler which runs on one machine and generates code for another machine is called a

1. Cross compiler
2. Compiler compiler
3. Two pass compiler
4. Multi pass compiler

Options :

51245239097. 1

51245239098. 2

51245239099. 3

51245239100. 4

Question Number : 82 Question Id : 51245212733 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Using MUL, if -2 is multiplied by -1, the answer is:

1. 2
2. 64770
3. 64262
4. None of the above

Options :

51245239101. 1

51245239102. 2

51245239103. 3

51245239104. 4

Question Number : 83 Question Id : 51245212734 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Using IMUL, if -2 is multiplied by -1, the answer is:

1. 64262
2. 64770
3. 2
4. None of the above

Options :

- 51245239105. 1
- 51245239106. 2
- 51245239107. 3
- 51245239108. 4

Question Number : 84 Question Id : 51245212735 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which one of the following is the fastest medium for data transfer?

1. Co-axial Cable
2. Twisted pair cable
3. Fiber Optic
4. None of the above

Options :

- 51245239109. 1
- 51245239110. 2
- 51245239111. 3
- 51245239112. 4

Question Number : 85 Question Id : 51245212736 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

A Router:

1. Screens incoming information
2. Distributes information between networks
3. Distributes information between nodes of a network
4. Acts as a bridge between networks

Options :

- 51245239113. 1
- 51245239114. 2

51245239115. 3

51245239116. 4

Question Number : 86 Question Id : 51245212737 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is not a videotape format?

1. S-VHS
2. DIGITAL8
3. VHS-C
4. GIFF

Options :

51245239117. 1

51245239118. 2

51245239119. 3

51245239120. 4

Question Number : 87 Question Id : 51245212738 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which one of the following is a colour specification format?

1. GIF
2. GIFF
3. CMYK
4. TIFF

Options :

51245239121. 1

51245239122. 2

51245239123. 3

51245239124. 4

Question Number : 88 Question Id : 51245212739 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Fill in the blank

A multimedia presentation is, if users watch it from beginning to end?

1. Non Linear
2. Linear
3. Optical
4. Animation

Options :

- 51245239125. 1
- 51245239126. 2
- 51245239127. 3
- 51245239128. 4

Question Number : 89 Question Id : 51245212740 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The 8088 instruction for table lookup is

1. XCHG
2. XLAT
3. XLOOKUP
4. None of the above

Options :

- 51245239129. 1
- 51245239130. 2
- 51245239131. 3
- 51245239132. 4

Question Number : 90 Question Id : 51245212741 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

When the electronics devices are powered on, which step occurs first?

1. Execution of POST routines then BIOS code invoking
2. BIOS code invoking then execution of POST routines
3. Both happen together
4. None of the above

Options :

- 51245239133. 1

51245239134. 2

51245239135. 3

51245239136. 4

Question Number : 91 Question Id : 51245212742 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What are the activities that happen before the operating system works on a computer system?

1. Installation
2. Starting the computer
3. Booting of the computer
4. All of the above

Options :

51245239137. 1

51245239138. 2

51245239139. 3

51245239140. 4

Question Number : 92 Question Id : 51245212743 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following options are used as DOS wildcards?

1. * and /
2. ? and /
3. * and ?
4. * and #

Options :

51245239141. 1

51245239142. 2

51245239143. 3

51245239144. 4

Question Number : 93 Question Id : 51245212744 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What is the purpose of the flow line symbol?

1. An action done by the program (calculate the area of a circle)
2. Ask a question and then determines which route program will take
3. Shows the direction and sequence of the process
4. Represents when something is input into the program or output from the program.

Options :

- 51245239145. 1
- 51245239146. 2
- 51245239147. 3
- 51245239148. 4

Question Number : 94 Question Id : 51245212745 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

An optimized compiler:

1. Generates the program to run in less time and use less memory
2. Takes less time to compile
3. Generates the program to run in less time only
4. None of the above

Options :

- 51245239149. 1
- 51245239150. 2
- 51245239151. 3
- 51245239152. 4

Question Number : 95 Question Id : 51245212746 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The lexical analysis phase divides the source program into logical units called:

1. Tokens
2. Macro
3. Mnemonics
4. Words

Options :

- 51245239153. 1
- 51245239154. 2

51245239155. 3

51245239156. 4

Question Number : 96 Question Id : 51245212747 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which one of the following is a conditional breakpoint that is not associated with any particular line, but with a variable?

1. Call stack
2. Locals
3. Watchpoint
4. None of the above

Options :

51245239157. 1

51245239158. 2

51245239159. 3

51245239160. 4

Question Number : 97 Question Id : 51245212748 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The instruction JNZ performs JUMP in a 8088 microprocessor, when the result of the

1. Previous arithmetic operation is zero
2. Previous logical operation is zero
3. Previous arithmetic or logical operation is not zero
4. Previous arithmetic or logical operation is zero

Options :

51245239161. 1

51245239162. 2

51245239163. 3

51245239164. 4

Question Number : 98 Question Id : 51245212749 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Arithmetic instruction AAA stands for:

1. ASCII Adjustment for Addition
2. Accumulator Adjust for Addition
3. ASCII Addition for Adjust
4. None of the above

Options :

- 51245239165. 1
- 51245239166. 2
- 51245239167. 3
- 51245239168. 4

Question Number : 99 Question Id : 51245212750 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

NMI are:

1. Interrupts which can not be masked
2. Non multiple interrupt
3. Non movable interrupt
4. None of the above

Options :

- 51245239169. 1
- 51245239170. 2
- 51245239171. 3
- 51245239172. 4

Question Number : 100 Question Id : 51245212751 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The transmission over the USB is divided into

1. Frames
2. Pages
3. Packets
4. Tokens

Options :

- 51245239173. 1
- 51245239174. 2

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51245239175.3

51245239176.4