# **Computer Fundamentals Questions**

#### Latest Computer Fundamentals MCQ Objective Questions



#### MCQ Question 1:

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Match the following operating system functions with their execution time.

	Work		Time to do	
ı	Executing programs	1	Request by users or programs	COLU
11	Allocating resources	2	When a user specifies which collaborator can access which program or data.	
111	Maintain Authorization Information	3	On user commands	

- 1. 1-3, || -1, ||| -2
- 2. | -1, || -2, || -3
- 3. I 1, II 3, III 2

Option 1: I - 3, II - 1, III - 2



#### Computer Fundamentals MCQ Question 1 Detailed Solution

The correct answer is I - 3, II - 1, III - 2.



- Executing programs:
  - A computer processor executes an instruction, meaning that it performs the operations called for by that instruction.
  - An executable is a file that contains a program that is, a particular kind of file that is capable of being executed or run as a program in the computer.
- Allocating resources:
  - Resource allocation is the process of assigning and managing assets in a manner that supports an organization's strategic planning goals.
- · Maintain Authorization Information:
  - Authorization is a security mechanism to determine access levels or user/client privileges related to system resources including files, services, computer programs, data and application features.



#### MCQ Question 2:

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With respect to Computer Virus, which one of the following statements is True?

- 1. It is a kind of physical impurity which when present in the CPU causes it to malfunction.
- It is a computer program that infects a computer and thereby sends unsolicited bulk email.
- It is a computer program which copies itself to infect a computer without the permission/ knowledge of the user.
- 4. It is an accumulation of dust on the hard disk causing it to malfunction.

#### Answer (Detailed Solution Below)

Option 3: It is a computer program which copies itself to infect a computer without the permission/knowledge of the user.

#### Computer Fundamentals MCQ Question 2 Detailed Solution

A computer is a machine that stores and processes data. Most computers use a binary system, which uses two variables, 0 and 1, to perform tasks such as data storage, algorithm calculation, and information display. Computers come in a variety of shapes and sizes, ranging from handheld smartphones to supercomputers weighing over 300 tonnes.



A computer virus is a piece of malicious computer code that is designed to spread from device to device. These self-copying threats, a subset of malware, are typically designed to damage a device or steal data. Some computer viruses are designed to cause damage to your computer by corrupting programmes, deleting files, or reformatting the hard drive. Others simply replicate themselves or flood a network with traffic, making any internet activity impossible. Even less dangerous computer viruses can have a significant impact on your system's performance by consuming computer memory and causing frequent computer crashes. A computer virus is a computer program that copies itself to infect a computer without the permission and knowledge of the user.

The characteristics of a computer virus are-

- A computer virus requires a host program.
- 2. A computer virus requires user action to transmit from one system to another.
- A computer virus attaches bits of its own malicious code to other files or replaces files outright with copies of itself.

### Additional Information

Computer viruses can be classified into-

**Worms** - A worm is a type of virus that, unlike traditional viruses, does not usually require the user's action to spread from device to device.

**Trojans** - As in the myth, a Trojan is a virus that disguises itself as a legitimate-appearing programme in order to spread across networks or devices.

**Ransomware** - is a type of malware that encrypts a user's files and demands a ransom in exchange for their return. Ransomware can, but does not always, spread via computer viruses.

Therefore, the correct answer is It is a computer program which copies itself to infect a computer without the permission/ knowledge of the user.



#### MCQ Question 3:

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What is the fastest way to change all of the slides layouts and colors of the google presentation?

- 1. Apply a transition
- 2. Apply a new theme

- 3. Delete the slides and reinsert them
- 4. Manually change the colors and layouts on each slide

Option 2: Apply a new theme

#### Computer Fundamentals MCQ Question 3 Detailed Solution

The correct answer is Apply a new theme.

# Key Points

The way to change all of the slides layouts and colors of the google presentation are,

- · Manually change the colors and layouts on each slide,
- · Apply a transition
- Apply a new theme.
- · Modify the master slide.



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#### MCQ Question 4:

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When presenting the slides in google slides, what are not some of the ways you can advance to the next slide?

- Using the arrow keys
- Pressing the space bar

- 3. Clicking your mouse
- 4. Pressing the shift key

Option 4: Pressing the shift key

#### Computer Fundamentals MCQ Question 4 Detailed Solution

The correct answer is **Pressing the shift key**.



You can advance to the next slide by,

- clicking your mouse,
- pressing the spacebar on your keyboard or
- Using the arrow keys.

Use the arrow keys on your keyboard to move forward or backward through the presentation. You can also hover your mouse over the bottom-left and use the commands there to navigate the presentation.

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By Pressing the shift key we can't go advance to the next slide.



#### MCQ Question 5:

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Why would you want to freeze rows in your spreadsheet?

- To modify only the frozen rows
- 2. To limit the data that can be entered in the frozen row

- 3. To prevent the rows from being edited by collaborates
- 4. To scroll through the spreadsheet While continuing to see the frozen rows

Option 4: To scroll through the spreadsheet While continuing to see the frozen rows

#### Computer Fundamentals MCQ Question 5 Detailed Solution

The correct answer is To scroll through the spreadsheet While continuing to see the frozen rows.

# Key Points

You can freeze a row in Excel so it's easier to compare data as you scroll through the spreadsheet. You can choose to only freeze the first visible row in your Excel sheet, or freeze multiple rows.

#### Freezing of rows and columns:

Freezing of the panes helps the user to only see the rows and the columns which have been frozen while scrolling down the worksheet. The cell below the row and to the right of the column has to be selected which has to be kept visible.

**Freeze panes** are a feature in spreadsheet applications, such as Microsoft Excel, LibreOffice Calc, and Google Sheets. It "freezes" a row or column, so that it is always displayed, even as you navigate the spreadsheet.

#### Top Computer Fundamentals MCQ Objective Questions



MCQ Question 6

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A half byte is called a

1 Ryte

- Nibble
  - Word size

3. Bit

#### Answer (Detailed Solution Below)

Option 2: Nibble

# Computer Fundamentals MCQ Question 6 Detailed Solution

The correct answer is Nibble.

A half byte is called a Nibble.

# Key Points

- A bit is the smallest unit of storage.
- A bit stores just a 0 or 1.
- Computers are designed to store data and execute instructions in bit multiples called bytes.
- One nibble is equal to 4 bits.

# Important Points

- Computer storage and memory are often measured in megabytes (MB) and gigabytes (GB).
  - 1 kilobyte (KB) = 1024 bytes
  - 1 megabyte (MB) = 1024 kilobytes
  - 1 gigabyte (GB) = 1024 megabytes
  - 1 terabyte (TB) = 1024 gigabytes
  - 1 petabyte (PB) = 1024 terabytes



MCQ Question 7 View this Question Online >

Unicode encoding scheme represents a character as a group of

1. 4 bits

2. 8 bits

12 bits

4. 16 bits

#### Answer (Detailed Solution Below)

Option 2:8 bits

#### Computer Fundamentals MCQ Question 7 Detailed Solution

The correct answer is 8 bits.

# Key Points

- UTF-8 is an 8-bit variable-length encoding scheme designed to be compatible with ASCII encoding.
- The encoding scheme distributes a Unicode code value's bit pattern across 1, 2, 3, or even 4 bytes.
  - · This encoding is a multi-byte encoding scheme.
- Unicode provides a unique number for every character.
  - It including punctuation marks, mathematical symbols, technical symbols, arrows, and characters making up non-Latin alphabets such as Thai, Chinese, or Arabic script.

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- Unicode is an industry standard for the consistent encoding of written text.
  - Unicode defines different character encodings, the most used ones being UTF-8, UTF-16, and UTF-32. UTF-8 is definitely the most popular encoding in the Unicode family, especially on the Web.

## Additional Information

- ASCII (American Standard Code for Information Interchange) character set contains 128 characters for English letters, numbers, and some control characters.
  - ASCII encoding maps each character to 1 byte with the leading bit set to 0, and the other
     7 bits representing the code point of the character.



#### MCQ Question 8

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The term GHz is an indicator of which feature of the computer?

- Number of Pixels
- 2. Screen Resolution
- Speed
- Storage

#### Answer (Detailed Solution Below)

Option 3: Speed

# 001/1 Computer Fundamentals MCQ Question 8 Detailed Solution

The correct answer is "Speed".

# Key Points

- Gigahertz is a measurement of something happening X times per second.
- 4 gigahertz means that the thing is happening 4 billion times a second.
- When we say that the processor runs at 4ghz we mean that the "main clock" of the processor is ticking 4 billion times per second.
- CPUs are digital circuits. They only do an action when the clock drives the circuit to do the action. Think of that as the RPM of a car. The faster the clock goes, the faster the actions happen.
- For performance, clock speed is important but it's not directly comparable between different CPU architectures. Clock speeds are comparable only in the same family of cpus that share an architecture.



#### MCQ Question 9

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For renaming a file in Windows, you will most likely use:

- File Explorer
- 2. File Manager
- 3. File Directory
- 4. File Folder

#### Answer (Detailed Solution Below)

Option 1 : File Explorer

#### Computer Fundamentals MCQ Question 9 Detailed Solution

The correct answer is "File Explorer".



Renaming a file:

- · Click the File Explorer icon.
- · Go to the location where stores your file or folder.
- Right-click the name of the file or folder you wish to rename.
- Click Rename (on the menu that opens up).
- Type a new name for the file and press Enter.

Pin to Start

Send to





#### MCQ Question 10

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Which of the following is not a valid function of an input device?

- 1. It converts the input data and instructions into a computer acceptable form.
- 2. It sends input data and instructions to storage devices for storage and further processing.
- 3. It processes the input data and sends the result directly to the output device.
- It reads data and instructions from the outside world.

#### Answer (Detailed Solution Below)

Option 3: It processes the input data and sends the result directly to the output device.

#### Computer Fundamentals MCQ Question 10 Detailed Solution



Option 1: It converts the input data and instructions into a computer-acceptable form.

True, The input unit converts these instructions and data into a computer in an acceptable format.

Ontion 2: It conde input data and instructions to storage devices for storage and further

processing.

**True**, The input device sends input data and instructions to storage devices for storage and further processing.

#### Option 3: It processes the input data and sends the result directly to the output device.

**False,** Input devices can send input data or information to a computer or another device. After that, the computer processes the data and sends it back to the output devices like the screen.

#### Option 4: It reads data and instructions from the outside world.

**True, I**nput devices Device that accepts data and instructions from the outside world like, Keyboard Mouse Trackball Joystick Light pen Touch Screen Scanner Bar code.

Hence the correct answer is It processes the input data and sends the result directly to the output device.



# MCQ Question 11 A half byte is called a 1. Byte 2. Nibble 3. Bit 4. Word size 5. Megabyte

#### Answer (Detailed Solution Below)

Option 2: Nibble

#### Computer Fundamentals MCQ Question 11 Detailed Solution

The correct answer is Nibble.

A half byte is called a Nibble.

# Key Points

- · One byte is equal to 8 bits.
- One kilobit is equal to 1000 bits.
- · One kilobyte is equal to 8000 bits.
- · One kibibit is equal to 1024 bits.
- · One kibibyte is equal to 8192 bits.
- One Megabit is equal to 1000000 bits.
- · One Megabyte is equal to 8000000 bits.



#### MCQ Question 12

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## What is computer booting?

- Loading operating system into memory to make the computer system ready to use
- Defragmenting the hard disk drive
- 3. Deleting the operating system
- 4. Formatting the hard disk drive

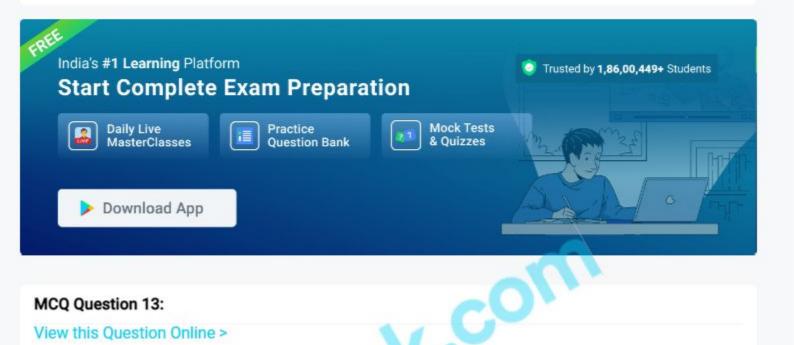
#### Answer (Detailed Solution Below)

Option 1 : Loading operating system into memory to make the computer system ready to use

#### Computer Fundamentals MCQ Question 12 Detailed Solution

Explanation:

The startup process of computer system is termed as "Booting". In this, the computer checks whether all the devices are connected properly or not. This is done by a small program in ROM.



#### MCQ Question 13:

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Which of these is not the correct version of MS-OFFICE?

- 1. OFFICE 1986
- OFFICE 2003
- OFFICE 2007
- 4. OFFICE 2010

Answer (Detailed Solution Below)

Option 1: OFFICE 1986



#### MCQ Question 14:

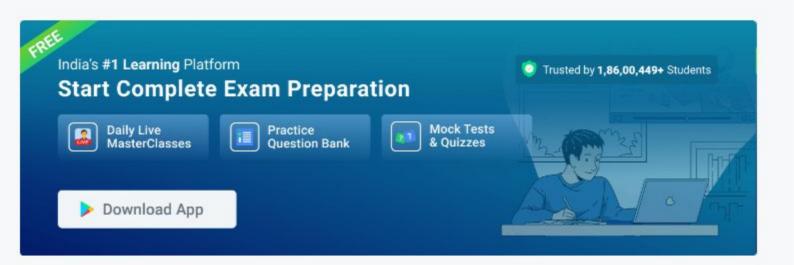
View this Question Online >

A half byte is called a

- 1. Byte
- 2. Nibble
- 3. Bit
- 4. Word size

#### Answer (Detailed Solution Below)

Option 2: Nibble



#### MCQ Question 15:

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A group of cells is called a \_\_\_\_\_?

- 1. Multicel
- 2. Cell Cluster
- 3. Chart
- 4. Cell Range

#### Answer (Detailed Solution Below)

Option 4 : Cell Range

