

I Short Answers - Not really short answers when all you have to do is list things out.

One on the Mini case - How would you do it

1. Create Spreadsheet,
2. Add Plugins,
3. Set formulas
4. Set up Constraints
5. Evaluate Data

Name 5 Media Storage Device

1. SSD
2. HDDf
3. USB
4. Flash Memory
5. RAID

Relations between operating system, computer hardware, and Application software

An operating system is a set of programs containing instructions that work together to coordinate all the activities among computer hardware resources. It drives the hardware to perform such tasks and computer hardware support applications

Name 3 unethical behaviours performed on the internet

1. Media Piracy
2. Identity Theft
3. Financial Theft

Name 3 software for you to access Internet at home.

Applications software to access internet would be

1. Chrome
2. Explorer
3. Firefox
4. Safari

Qty and relevant images

Consistent and simple design template

Use contrasting colors for texts and backgrounds

Differences between operating and utility system

An operating system is a set of programs containing instructions that work together to coordinate all the activities among computer hardware resources

A utility program is a type of system software that allows a user to perform maintenance-type tasks

1. 5 software needed for a graphic design computer

Illustrator
InDesign
Photoshop
Inkscape
CorelDraw

2. Name 5 hardware needed for a home internet set up

Internet Modem
Ethernet Hub
Unshielded twisted-pair, UTP
Wireless Router

3. What hardware components may have an important impact on your work, if you are a graphic designer or media developer (name 5)

System devices
Memory and storage devices
Input devices
Output devices
Communication devices

4. Types of Software Licenses

Freeware: Any copyrighted software you can use for free.
Beta versions: Under development version of the software. Free of charge.
Shareware: Run for a limited time free of charge. When the initial trial period is over, the license agreement is broken.
Open Source Software: Free to use of condition that any changes you make.
Concurrent, site licenses, multi-user and single user

Multiple choice questions

A _____ is the portion of virus code that is unique to a particular computer virus.

compression code
encryption code
virus signature
virus pattern

Which of the following is NOT a type of UTP cable you would use in a wired Ethernet network?

Cat 7B
Cat 6
Cat 5E
Cat 6A

Ethical hackers are also known as white-hat hackers.

True
False

All of the following are terms related to part of the boot process EXCEPT _____.

USB
CMOS
ROM
RAM

Computer-aided design software is used by _____.

web designers to create websites
architects to create virtual models

game makers to create games
project managers to track tasks

All viruses cause serious destruction of computer data.

True

False

C: denotes a_ directory that is at the top of the filing structure of a computer.

root

cluster

upper-level

top-level

To transfer data packets between two or more networks, a _____ is used.

firewall

router

switch

Hub

A large network designed to provide access to a specific geographic area, such as a large city, is a _____.

WAN

PAN

LAN

MAN

Windows 10 uses a _____ account for easy access and storage of online files.

Chrome

OneDrive

iCloud

eye OS

To remove all the changes made to your system, the Windows _____ utility returns your computer to the state it was in when it came from the factory.

Backup

Refresh

Restore

Erase

The amount of RAM storage is measured in _____.

GHz

Hz

GB

MHz

Which of the following is the lightest computer?

- Desktop
- Laptop
- Ultrabook
- Tablet

The appropriate software to use for creating research papers is _____ software.

- presentation
- spreadsheet
- word processing
- database

Inkjet printers and laser printers are examples of _____ printers.

- dot-matrix
- nonimpact
- thermal
- Impact

Gaming consoles, such as Xbox One and PlayStation 4, do not need an operating system.

- True
- False

Which statement pertaining to system reliability is FALSE?

- Having the latest version of software products can make your system more reliable.
- You can clean out unnecessary programs from your Startup folder.
- When you defrag your hard drive, it works more efficiently.
- An accumulation of temporary Internet files has no effect on your computer's overall performance.

The operating system provides the means for users to interact with a computer.

- True
- False

Each device attached to your computer has a special program called a_ that enables the device and operating system to communicate with each other.

- device configurator
- interpreter
- device driver
- translator

A_____ software installation installs all the most commonly used files to your computer's hard drive.

- custom
- new

full

upgrade

Which of the following optical storage media has the greatest storage capacity?

BD

DVD DL

CD

DVD

P2P networks are most commonly used in home networks.

True

False

A_ device facilitates file sharing and data backup.

NAS

UTP

WAN

NOS

The most popular transmission media option for wired home Ethernet networks is _____ cable.

fiber-optic

coaxial

power-line

unshielded twisted-pair (UTP)

_____ is the maximum speed at which data can be transferred between two nodes.

Bandwidth

Throughput

Broadband

Through speed

The terms data and information can be used interchangeably.

True

False

The area that holds all the startup instructions the computer needs to start is the _____.

CPU

ROM

RAM

USB

Wireless network devices use _____ to communicate with each other.

fiber optics

satellites

DSL

radio waves

All of the following activities may infect your computer with a virus EXCEPT _____.

downloading video files from peer-to-peer sites

printing a document

sharing flash drives

downloading or running an e-mail attachment file

The Mac OS was the first commercially available OS to incorporate _____.

point and click technology

networking

sound

color graphics

You can use PowerPoint to trim video clips without having to use a separate video-editing program.

True

False

_____ is the abbreviation for the place in the computer where the programs and data the computer is currently using are temporarily stored.

ROM

RAM

CPU

USB

Video cards are designed with their own RAM storage.

True

False

All viruses cause serious destruction of computer data.

True

False

When using multiple monitors, you must have multiple video cards.

True

False

The arithmetic logic unit (ALU) controls all of the functions performed by the computer's other components and processes all the commands issued to it by software instructions.

True

False

A packet analyzer is a program that can enable a hacker to do all of the following EXCEPT _____.

launch a denial of service (DoS) attack on your computer

use your debit card information to purchase items illegally

assume your identity

steal your log-ons and passwords for various accounts

Unwanted or unneeded software included by manufacturers on new computers is called

_____.

bloatware

shareware

adware

malware

Software as a Service (SaaS) hosts web-based applications.

True

False

A stealth virus is designed to infect multiple file types to fool the antivirus software.

True

False

The heads of a hard disk drive touch the surface of the platter to read or write the data.

True

False

Client-server networks are controlled by a central server that runs specialized software called a _____.

service set identifier (SSID)

information management system (ISM)

digital subscriber line (DSL)

network operating system (NOS)

_____ software is used to perform calculations and numerical analyses.

Word Processing

Spreadsheet

Presentation

Personal information manager

A P2P network needs network operating system software installed on every node.

True

False

The _____ contains the central electronic components of the computer.

motherboard

peripheral unit

input unit

arithmetic logic unit

A_ software installation enables you to decide which features you want to install on the hard drive.

full

custom

partial

upgrade

Creating and distributing _____ is one of the most widespread types of cybercrimes.

cookies

spam

zombies

computer viruses

When your computer runs out of RAM, the operating system borrows space from the CPU.

True

False

Using a network without the network owner's permission is known as _____.

Phishing

Hijacking

Spamming

Piggybacking

Which computer port transmits audio and video without the need for compression?

LCD

HDMI

VGA

USB

A _____ device facilitates file sharing and data backup.

NAS

UTP

WAN

NOS

A _____ is a virus that is triggered on a certain date.

logic bomb

time bomb

macro

Worm

A personal computer can only have one operating system installed on it.

True

False

Computer-aided design software is used by _____.

web designers to create websites

architects to create virtual models

game makers to create games
project managers to track tasks

With regard to computer protection, quarantining is defined as _____.

updating your antivirus software
deleting an infected file
placing a found virus in a secure area on the hard drive
repairing an infected file

Starting a computer when it is powered off is called a warm boot.

True
False

FBI-related scams involve _____.

convincing people to send money as a "good faith" gesture
collecting funds and not delivering the goods
running auctions that do not exist
people pretending to represent official organizations such as the Dept. of Homeland Security or IRS

Some of the cache memory of a CPU is _____.

inside the CPU, itself
on the hard disk drive
in cloud storage
on a nearby SSD

Application software helps run the computer and coordinates instructions with the hardware.

True
False

Desktop publishing software enables you to create newsletters and annual reports.

True
False

Which of the following is NOT a virus category?

Worm
Pharming
Macro
Logic bomb

File names in Windows are case-sensitive.

True
False

A CD stores the same number of songs in the uncompressed format as in MP3 format.

True

False

WEP is a stronger form of security than WPA.

True

False

The terms virus and worm actually mean the same thing.

True

False

When your computer runs out of RAM, the operating system borrows space from the CPU.

True

False

Currently, there are no antivirus programs for mobile devices.

True

False

The area that holds all of the instructions the computer needs to start up is the RAM.

True

False

Processing is manipulating, calculating, or organizing data into information.

True

False

A full software installation enables you to choose which program features you want installed on your hard drive.

True

False

Sharing files is a benefit of a network.

True

False

An encryption virus replicates itself onto a hard drive's master boot record.

True

False

Android is an open source operating system for personal computers and network servers.

True

False

Ethernet networks are always connected using twisted-pair cable technology.

True

False

Which of the following capabilities of UNIX is FALSE?

It is only for super computers.

It is multitasking.

It is a network OS.

It is multi-user.

Video cards are designed with their own RAM storage.

True

False

Cache memory is a form of ROM.

True

False

Which of the following is NOT a common network architecture type?

intraoffice area network (IAN)

personal area network (PAN)

home area network (HAN)

local area network (LAN)

Which type of virus was the famous Michelangelo virus?

An e-mail virus

A time bomb

A worm

A script virus

Installing a device driver can sometimes cause system instability.

True

False

The use of multiple cores on one CPU chip allows the execution of two or more sets of instructions at the same time.

True

False

Which of the following computers is large, expensive and supports many simultaneous users and manages large amounts of data?

Mainframe computer

Desktop computer

Embedded computer

Supercomputer

Which of the following is the smallest unit of measure?

Gigabyte

Megabyte

Terabyte
Petabyte

If you reformat the hard drive on a computer, it erases all personal information from your computer and makes it safe to donate.

True

False

Running the Disk Defragmenter utility will _____.

make the hard drive work more efficiently

detect and remove spyware

clean out your Startup folder

mark bad memory cells

Which of the following is the most common audio compression format?

WAV

WMA

AU

MP3

All of the following are names for a flash drive EXCEPT _ drive.

Hard

Jump

Thumb

USB

Current wired Ethernet networks in the United States are based on the IEEE 802.11ac standard.

True

False

Which of the following does NOT determine processor power?

Amount of cache memory

Clock speed

Number of cores

Speed of the motherboard

All of the following are extra precautions you can take to secure a wireless network EXCEPT _____.

turn on security protocols

change your network name (SSID)

create a passphrase

enable SSID broadcast

Desktop computer systems are less reliable than laptop computers.

True

False

Running the CPU at a faster speed than the manufacturer recommends is called _____.

hyperthreading

latency

overclocking

☐ fetching

Check your understanding:

Unit 1:

BTM200 - Information Technology x Ethical Systems x +

Not secure | www.econcordia.com/courses/information_technology/lesson1/index.aspx

Apps Previous Final Exams Chapter 37 - Plant N Outlines | CourseNotes 123 Determination of the CWR web pages Concordia University Imported From IE

Computer and Information Ethics

Drag and drop each computer chip underneath the term best describing them, when all chips are positioned, click the button "Submit" when finished to view your score.

| | | | | |
|--|---------------------------|------------------------------------|-------------------------|-------------------------------|
| MORALS Ethics | IDENTITY CHIPS Privacy | UTILITARIANISM Happiness | COPYRIGHT Protection | AMORAL No Right/Wrong |
| RELATIVISM No Universal Moral Truth | CENSORSHIP Blocking | WHISTLE-BLOWER Illegal Activity | FAIR Social Justice | CIVIL DISOBEDIENCE Refusal |

Correct

PREV NEXT

Type here to search 1:39 PM 2018-12-06 37

A smartphone is a computer.

True

False

When using a spreadsheet, SUM in the expression =SUM(B10:B16), is called a_.

(1 points)

operator

function

formula

operant

A zombie is another person's computer controlled by a hacker.

True

False

Most word processing programs come with a find-and-replace tool that enables you to locate and replace specific text.

True

False

A unidirectional microphone picks up sounds equally well from all directions.

True

False

Hybrid drives are a combination of a mechanical hard drive and an SSD drive.

True

False

_____ provides high-speed information processing by enabling a new set of instructions to start before the previous set is finished.

(1 points)

Cache memory

Hyperthreading

Overclocking

Multitasking

Software that manages "back office" functions such as billing, production, inventory management, and human resources management is called _____ software.

(1 points)

enterprise resource planning

customer relationship management

project management

accounting

All of the following are tips for a great presentation EXCEPT _____.

(1 points)

use images to convey a thought or illustrate a point

limit bullet points per slide to 4-6

use a variety of animations on most slides to keep your audience's attention

keep the font size large enough to be read from the back of the room

A peer-to-peer (P2P) network is an example of _____ administration.

(1 points)

wide area

central

local

corporate

Limiting your signal range does not help increase wireless network security.

True

False

FBI-related scams involve _____.

(1 points)

convincing people to send money as a "good faith" gesture

collecting funds and not delivering the goods

running auctions that do not exist

people pretending to represent official organizations such as the Dept. of Homeland Security or IRS

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Blackboard is an example of _____ software.

(1 points)

gaming

course management

drawing

utility

WEP is a stronger form of security than WPA.

True

False

Android is an open source operating system for personal computers and network servers.

True

False

Computer-aided design software is used by _____.

(1 points)

web designers to create websites

architects to create virtual models

game makers to create games

project managers to track tasks

Ethernet networks are always connected using twisted-pair cable technology.

True

False

On a network, a_ helps prevent data packets from colliding with each other.

(1 points)

adapter

switch

hub

access point

Apple's OS X and Microsoft Windows are examples of _____ software.

(1 points)

operating system

communication

application

utility

All of the following are terms related to part of the boot process EXCEPT _____.

(1 points)

USB

CMOS

ROM

RAM

How many channels are in a Dolby 7.1 Surround Sound System?

12

6

7

8

The basic input output system (BIOS) is stored on a _____ chip.

RAM

CMOS

ROM

CPU

Which of the following computers is large, expensive and supports many simultaneous users and manages large amounts of data?

Mainframe computer

Desktop computer

Embedded computer

Supercomputer

The _____ has the largest capacity of any storage device.

DVD

CD

SSD

mechanical hard drive

The most popular transmission media option for wired home Ethernet networks is _____ cable.

fiber-optic

coaxial

power-line

unshielded twisted-pair (UTP)

All of the following are examples of database software EXCEPT _____.

OneNote

MySQL

Microsoft Access

Oracle

The terms virus and worm actually mean the same thing.

True

False

The Internet is a WAN.

True

False

Apache OpenOffice is an example of a_ productivity suite.

web-based

desktop publishing

system

open source

Some of the responsibilities of a_ are installing new hardware and software on the network and monitoring performance.

network administrator

programmer analyst

computer technician

IT manager

Software designed specifically for managing real estate is an example of _____ software.

e-commerce

vertical market

project management

general business

Hybrid drives are a combination of a mechanical hard drive and an SSD drive.

True
