Cs 104 final

File HistoryUtility that automatically creates duplicates of your libraries, desktops, contacts and favorites to another storage location.

System Restore

Time Capsules

File History

Carbonite

D. It is only for super computersWhich of the following capabilities of the UNIX is FALSE?

A. It is a multiuser

B. It is multitasking.

C. It is a network OS.

D. It is only for super computers.

file pathC: WindowsSystem32driversetcprotocol is an example of a ___

OneDriveWindows 10 uses a(n) _____ account for easy access and storage of online files.

iCloud

Chrome

OneDrive

eye OS

Disk DefragmenterWindows utility programs that arranges pieces of files on your hard drive to allow for faster access

Disk Cleanup

Disk Defragmenter

Error-checking

Task Manager

Android and iOSWhich operating systems are used on most tablets?

Windows and iOS

Windows and Android

Android and iOS

BlackBerry and Windows

B. DesktopWhich of the following is NOT a Windows utility program

A. Disk Cleanup

B. Desktop

C. Disk Defragmenter

D. System Restore

A. : All of the following can be used in an OS X file name EXCEPT _____.

A. :

B. #

C. %

D. $

point and click technologyThe Mac OS was the first commercially available

OS to incorporate

networking

color graphics

sound

point and click technology

file pathThe location of a file is specified by its _____.

drive identifier

file path

file type

file extension

bugsIn the late 1980s, computer specialists were concerned that proprietary

software had too many _____, so they started working on open source

projects.

worms

trojans

bugs

spiders

Windowsa proprietary OS for desktop and laptop computers

Windows

iOS

Android

Linux

User interfaceThe _____ of the operating system enables users to

communicate with the computer system.

window

modem

network adapter card

user interface

Task ManagerYou can use the Windows _____ to check on a nonresponsive program.

System Restore

Backup utility

Error-checking

Task Manager

Linusthe operating system most supercomputers use

UNIX

Linux

Windows

iOS

DetailsWhen using Windows File Explorer, which view provides the most information at a glance?

List

Content

Tiles

Details

TrashDeleted files on a Mac computer are moved to the _____.

The BIOS is activated by turning on the computerWhat is the first step in the boot process?

The BIOS is activated by turning on the computer.

The BIOS checks that all devices are in place.

The OS is loaded into RAM.

Configuration and customization settings are checked

ROMThe basic input/output system (BIOS) is stored on a _____ chip

ROM

CPU

RAM

CMOS

File CompressionUtility that temporarily removes redundancies in a file to

reduce the file size?

Disk Cleanup

File Compression

Error-checking

Disk Defragmenter

AppleOS X is the operating system developed by _____.

Apple

Microsoft

Google

Linux

Virtual memoryUsing hard disk space to temporarily store data or

instructions from RAM is referred to as the _____.

spool

interrupt sequencer

compressor

virtual memory

Google and AppleMost smartphones use operating systems developed by

_____.

B. application programming interface (API)Which of the following is NOT a

user interface?

A. Command-driven

B. application programming interface (API)

C. menu-driven

D. graphical user interface (GUI)

D. USBAll of the following are terms related to part of the boot process

EXCEPT _____.

A. ROM

B. CMOS

C. RAM

D. USB

rootC: denotes a(n) _____ directory that is at the top of the filing structure

of a computer.

top-level

cluster

root

upper-level

A. inventory. xlsxWhich of the following is the name of a Microsoft Excel file?

A. inventory. xlsx

B. inventory. wpd

C. inventory. accdb

D. inventory. pdf

MS-DOSAll of the following are examples of network operating systems

EXCEPT _____.

A. Windows 10

B. Linus

C. OS X

D. MS-DOS

device driverEach device attached to your computer has a special program

called a(n) _____ that enables the device and operating system to

communicate with each other.

device driver

translator

interpreter

device configurator

operating systemThe two major types of system software programs are

utility programs and the _____.

charms

application software

user interface

operating system

inside the CPU, itselfSome of the cache memory of a CPU is _____.

inside the CPU, itself

on the hard disk drive

on a nearby SSD

in cloud storage

A laser burns tiny pits onto a platterHow do optical discs store data?

A laser burns tiny pits onto a platter.

A magnet aligns iron particles on a platter.

Electronic memory records data on chips.

A digital spectrometer leaves grooves in a platter.

overclockingRunning the CPU at a faster speed than the manufacturer

recommends

fetching

latency

overclocking

hyperthreading

8How many channels are in a Dolby 7. 1 Surround Sound System

USBWhich of the following ports is NOT used to connect to a video card?

A. HDMI

B. DVI

C. USB

D. DisplayPort

volatileRAM is an example of _____ storage.

overwritten multiple timesTo securely erase data, the U. S. Department of

Defense suggests that data be _____.

overwritten multiple times

deleted

encoded

refactored

threeThere are _____ levels of cache memory in the Intel i7 processor.

CPUThe control unit is one component of the _____.

CPU

cache

front side bus

clock

clear out unnecessary filesRunning the Disk Cleanup utility is a quick way to

_____.

defrag your hard drive

remove spyware programs

clear out unnecessary files

clean out your Startup folder

DDR3In most current systems, _____ is the type of RAM used.

DDR2

DDR3

DRAM

SDRAM

An accumulation of temporary Internet files has not effect on your

computer's overall performanceWhich statement pertaining to system

reliability is FALSE?

A. Having the latest version of software products can make your system

more reliable.

B. An accumulation of temporary Internet files has no effect on your computer's overall performance.

C. You can clean out unnecessary programs from your Startup folder.

D. When you defrag your hard drive, it works more efficiently.

Speed of the motherboardWhich of the following does NOT determine processor power?

A. Clock speed

B. Number of cores

C. Amount of cache memory

D. Speed of the motherboard

SuperFetchWindows uses a memory-management technique known as _____ to monitor which applications you use most frequently. It preloads them into your system memory.

SuperGet

SuperFetch

SuperTake

SuperRetrieve

The control unit and the arithmetic logic unitThe CPU consists of which two parts?

sound cardA ____ enables the computer to drive the speaker system

HDMI

display port

sound card

PCI bus

Performs arithmetic calculationsWhich of the following activities is carried out by the ALU?

A. Moves read/write heads

B. Performs arithmetic calculations

C. Creates virtual memory

D. Renders video images

Random access memoryWhich of the following is NOT a permanent storage option?

A. Optical drive

B. Random access memory

C. Internal hard drive

D. Memory stick

GBThe amount of RAM storage is measured in ___

RefreshTo 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

Erase

Restore

Refresh

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

Multitasking

Cache memory

Hyperthreading

Overclocking

solid-state driveA _____ uses electronic memory and has no motors or moving parts.

mechanical hard drive

solid-state drive

Blu-ray disc

digital video disc

TabletWhich is the lightest computer?

Moore'sThe rule of thumb that predicts that the number of transistors on a CPU will double every 2 years is called _____ Law.

GPUTo speed up the display of graphics, a(n) _____ is installed on some video cards

GPU

CPU

ALU

SSD

Make the hard drive work more efficientlyRunning the Disk Defragmenter utility will _____.

detect and remove spyware

mark bad memory cells

make the hard drive work more efficiently

clean out your Startup folder

millisecondsWhen referring to hard drives, access time is measured in

_____.

mechanical hard driveThe _____ has the largest capacity of any storage

device.

CD

SSD

DVD

mechanical hard drive

encodeAll of the following are part of the machine cycle EXCEPT _____.

A. fetch

B. encode

C. execute

D. store

IntelThe processor market for desktop and laptop computers is dominated by

_____.

IBM

Microsoft

Intel

Apple

radio wavesWireless network devices use _____ to communicate with each other.

fiber optics

satellites

radio waves

DSL

UnixAll of the following operating systems support P2P networking EXCEPT _____.

A. Windows

B. OS X

C. Unix

D. Linux

network administratorSome of the responsibilities of a(n) _____ are installing new hardware and software on the network and monitoring performance.

programmer analyst

IT manager

computer technician

network administrator

switchOn a network, a(n) _____ helps prevent data packets from colliding with each other.

access point

hub

adapter

switch

MANA large network designed to provide access to a specific geographic

area, such as a large city, is a _____.

MAN

PAN

LAN

WAN

WANA network that spans a large physical distance is called a _____.

MAN

LAN

PAN

WAN

unshielded twisted-pair (UTP)The most popular transmission media option for

wired home Ethernet networks is _____ cable.

fiber-optic

power-line

unshielded twisted-pair (UTP)

coaxial

Cat 7BWhich of the following is NOT a type of UTP cable you would use in a

wired Ethernet network?

A. Cat 5E

B. Cat 6

C. Cat 6A

D. Cat 7B

Throughput_____ is the actual speed of data transfer that is achieved and is always less than or equal to the data transfer rate.

Benchmark

Broadband

Bandwidth

Throughput

nodeA _____ is any device connected to a network such as a computer, printer, or game console.

packet

node

NOS

NIC

Fiber-optic cableWhich transmission medium transmits data the fastest?

Twisted-pair cable

Coaxial cable

Wireless

Fiber-optic cable

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

local

wide area

central

corporate

HANA _____ is a network located in your residence that connects to all your digital devices.

MAN

WAN

HAN

LAN

networkA computer _____ is two or more computers connected using software and hardware so that they can communicate with each other.

network

switch

broadband

node

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

Throughput

Bandwidth

Broadband

Through speed

centralA client/server network is an example of _____ administration.

local

wide area

central

remote

twisted-pair cableNormal telephone cable is a type of _____.

fiber-optic cable

twisted-pair cable

coaxial cable

Ethernet cable

Routers and switchesSophisticated networks generally use which of the

following hardware devices to ease the flow of data through the network

Routers and switches

USB ports

Firewalls

Firmware

NASA(n) _____ device facilitates file sharing and data backup.

NAS

WAN

UTP

NOS

Dial-upWhich of the following is NOT a wired broadband Internet connection

option?

A. Cable

B. Dial-up

C. DSL

D. Fiber-optic

network operating system (NOS)Client/server networks are controlled by a

central server that runs specialized software called a(n) _____.

information management system (ISM)

network operating system (NOS)

digital subscriber line (DSL)

service set identifier (SSID)

802. 11abWhich of the following is NOT a standard for wireless fidelity

Ethernet networks?

a. 802. 11n

b. 802. 11g

c. 802. 11ab

d. 802. 11ac

piggybackingUsing a network without the network owner's permission is

known as _____.

hijacking

spamming

piggybacking

phishing

enable SSID broadcastAll of the following are extra precautions you can take

to secure a wireless network EXCEPT _____.

a. change your network name (SSID)

b. enable SSID broadcast

c. turn on security protocols

d. create a passphrase

routerTo transfer data packets between two or more networks, a _____ is

used.

router

hub

firewall

switch

network adapterFor the nodes on a network to communicate with each other and access the network, each node needs a _____.

DSL modem

network adapter

hub

router

Unshielded coaxialWhich of the following is NOT a type of cable used in wired networks?

a. Unshielded twisted-pair

b. Coaxial

c. Fiber-optic

d. Unshielded coaxial

MACThe unique number assigned to a network adapter by the manufacturer is referred to as the _____ address.

MAC

IP

SSID

network

intraoffice area network (IAN)Which of the following is NOT a common network architecture type?

a. local area network (LAN)

b. home area network (HAN)

c. intraoffice area network (IAN)

d. personal area network (PAN)

packetsData are sent through a network in bundles called _____.

packages

pouches

packets

nodes

analog-to-digital converterA(n) _____ chip converts sound waves from a

voice into digital signal.

analog-to-digital converter

digital convergence

digital signal processor

telephony

. jpgWhich of the following is NOT a video file extension?

a. . jpg

b. . mpg

c. . avi

d. . mov

screen sizeA main difference between the tablet and the smartphone is the

_____.

operating system

touch-screen interface

screen size

Internet connectivity

a cloud serviceWhat is the easiest way to synch your phone wirelessly?

A cloud service

HDMI

Bluetooth

A secure digital transmission

cellA _____ is a geographical area with a base transceiver station at its

center.

wave

cell

port

hot-spot

BluetoothWhich of the following uses radio waves to transmit data signals

over short distances?

VoIP

Infrared

Wireless access protocol

Bluetooth

microphone and touch screenThe primary input devices for smartphones are

_____.

keyboard and mouse

microphone and touch screen

microphone and mouse

touch screen and digital camera

resinSome 3d printers work by controlling the exact locations where a liquid

_____ will be exposed to oxygen and become solid.

silicon

peptides

polymer

resin

A specific operating system for mobile devicesWhat is iOS?

A specific operating system for mobile devices

A type of application software

A utility program for all mobile digital devices

A form of antivirus software

digitalVoIP uses _____ technology similar to email to transmit voice over

the Internet.

digital

analog

binary

IP

. accdbWhich of the following is not an example of a digital music file

format?

a. . wav

b. . mp3

c. . aac

d. . accdb

USBMany mobile devices include a mini- _____ port.

USB

parallel

serial

coaxial

dataA cellular Internet connectivity plan is also known as a _____ plan.

text

data

mobile

network

multimedia message service (MMS)You can send messages that include photos and videos between mobile devices using _____ technology.

short message service (SMS)

multimedia message service (MMS)

delivery multimedia service (DMS)

multimedia delivery service (MDS)

Sampling rateWhich of the following describes the number of times an analog wave is measured each second during an analog-to-digital conversion?

Converting rate

Conversion rate

Simplifying rate

Sampling rate

JPEGWhich of the following digital image formats compresses the image file?

PDF

WAV

JPEG

MPEG

E-text_____ is digital textual information that can be stored, manipulated,

and transmitted by electronic devices.

Short message service

SMTP

E-text

Digital rights management

short message service (SMS)Text messaging is also called _____.

text messaging system (TMS)

sending messages shortly (SMS)

short text messaging (STM)

short message service (SMS)

TabletWhich of the following mobile devices has the largest display?

Phablet

Smartphone

Tablet

Feature phone

PlayGoogle _____ is an online store that delivers software for Android devices.

Fun

Games

Play

Sport

ROMThe operating system of a cell phone is stored in _____.

RAM

the CPU

ROM

an SD card

digital convergenceThe term _____ refers to the use of a single unifying device that handles media, Internet, entertainment, and telephone needs.

multimedia message service

telephony

mobile switching center

digital convergence

digital signal processor chipA(n) _____ is included in a cell phone to handle the compression of data for it to be quickly transmitted to another phone.

analog-to-digital converter

digital signal processor chip

modem

compression utility

excellent reliability during Internet outages or power outagesAll of the following are advantages of VoIP EXCEPT _____.

a. low or free cost

b portability

c. excellent reliability during Internet outages or power outages

d. the ability to make calls on a computer from any Wi-Fi hotspot

Digital rights management_____ allows only limited use of media that have been legally purchased.

Digital rights management

Copyright

Copyleft

Synchronizing

1. 5 inchesThe distance between two near field communication (NFC) devices is` limited to about _____.

1. 5 inches

1. 5 feet

1. 5 meters

10 meters

They can only contain a limited number of charactersWhich is true of SMS messages?

They can contain pictures and videos.

They can only contain a limited number of characters.

They are no longer used.

They are used in web page development.

satellitesThe global positioning system is a network of 21 _____ plus 3 working spares.

transponders

satellites

base stations

communicators

They are always PDF file formateWhich of the following is NOT true about e-books?

a. You can borrow them from the library.

b. They are always PDF file format.

c. You can annotate them with your own notes.

d. They weigh less than physical books.

HDMIA(n) _____ cable carries all audio and video information from devices to a connected TV.

HDMI

S component

Ethernet

RJ11

theft of servicesAll of the following were top cybercrime reported to the ICS EXCEPT

a. identity theft

b. non-auction scam

c. advance free fraud

d. theft of services

phramingWhen malicious code is planted on your computer and alters your browser's ability to find web addresses, it is known as _____.

phishing

pharming

pretexting

polymorphing

launch a denial of service (DoS) attack on your computerA packet analyzer is a program that can enable a hacker to do all of the following EXCEPT

a. use your debit card information to purchase items illegally

b. assume your identity

c. steal your logons and passwords for various accounts

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

engineeringSocial _____ is any technique that uses social skills to generate human interaction that entices individuals to reveal sensitive info

engineering

theft

pretexting

pharming

FBI and National White Collar Crime CenterThe Internet Crime Complaint Center (IC3) is a partnership between the _____.

FBI and local police departments

FBI and National Defense Department

FBI and National White Collar Crime Center

National White Collar Crime Center and U. S. Department of Defense

grayware Adware and spyware are referred to collectively as _____.

viruses

grayware

alertware

firmware

Boot-sector_____ viruses are often transmitted by a flash drive left in a

USB port.

Logic bomb

Boot-sector

Macro

Time bomb

firewall A _____ is named after a housing construction feature that slows

the spread of fires from house to house.

firehouse

firebreak

firewall

fire extinguisher

macro virus A _____ is a virus that is attached to documents such as Word

or Excel files.

script virus

macro virus

polymorphic virus

Trojan horse

time bombA _____ is a virus that is triggered on a certain date.

worm

macro

logic bomb

time bomb

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

a. sharing flash drives

b. downloading video files from peer-to-peer sites

c. downloading or running an e-mail attachment file

d. printing a document

White-hate_____ hackers break into systems for non-malicious reasons such as to test system security vulnerabilities.

Black-hat

Gray-hat

White-hat

Green-hat

Spyware_____ is a program that gathers information about your surfing habits without your knowledge.

Adware

Ghostware

Shareware

Spyware

Cookies obtain your personal info by searching your hard driveWhich of the following statements about cookies is NOT true?

a. Cookies obtain your personal information by searching your hard drive.

b. Cookies are text files.

c. Cookies help companies determine the traffic flow through their website.

d. Some companies sell the personal information found in cookies to other companies.

polymorphicWhich of the following classifications of viruses can change its own code to avoid detection?

Stealth

Multipartite

Polymorphic

Worm

CybercrimeWhich of the following is formally defined as any criminal action perpetrated primarily through the use of a computer?

Social networking

Cybercrime

Phishing

Hacking

the wavy hard-to-read letter and number sequence that you type to prove that you are human to a websiteCAPTCHA is _____.

antivirus software

password method

the wavy hard-to-read letter and number sequence

that you type to prove that you are human to a

website

a rootkit virus

uses a dictionary to find a lengthy word that is easy to rememberRules for

creating passwords include all of the following EXCEPT _____.

a. keep your password a secret

b. change your password frequently

c. use a dictionary to find a lengthy word that is easy to remember

d. use letters, numbers and symbols in your passwords

cyberloafingUsing your computer for non-work activities while you are being

paid to work is known as _____.

cyberloafing

cybersleeping

cyberlazing

cyberbreaking

virus signatureA(n) _____ is the portion of virus code that is unique to a

particular computer virus.

virus signature

encryption code

compression code

virus pattern

placing a found virus in a secure area on the hard driveWith regard to

computer protection, quarantining is defined as _____.

updating your antivirus software

placing a found virus in a secure area on the hard drive

repairing an infected file

deleting an infected file

a time bombWhich type of virus was the famous Michelangelo virus?

A worm

A time bomb

A script virus

An e-mail virus

people pretending to represent official organizations such as the Dept. of

Homeland Security or IRSFBI-related scams involve _____.

A. people pretending to represent official organizations such as the Dept. of

Homeland Security or IRS

B. running auctions that do not exist

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

D. collecting funds and not delivering the goods

computer virusesCreating and distributing _____ is one of the most

widespread types of cybercrime.

spam

computer viruses

cookies

zombies

a firewallYou can block logical ports from invaders and make your computer

invisible to others on the Internet by installing _____.

a packet sniffer

a firewall

a packet filter

antivirus software

charmingWhich of the following is NOT a virus category?

a. worm

b. logic bomb

c. macro

d. pharming

A DDoS attack_____ floods a computer with requests until it shuts down

and refuses to answer any requests for information.

A Trojan horse

A polymorphic virus

A DDoS attack

Pretexting

rootkitA _____ allows a hacker to gain access to your computer and take

almost complete control of it without your knowledge.

denial of service (DoS)

zombie

logic bomb

rootkit

wormA(n) _____ takes advantage of file transport methods to spread on its

own.

worm

script virus

encryption virus

macro virus

logical port blockingConfiguring a firewall to ignore all incoming packets that request access to a specific port is known as _____.

packet filtering

packet switching

static addressing

logical port blocking

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