

Cosc 100 chapter 8



**ASSIGN
BUSTER**

resin Newer 3D printers draw on the surface of liquid plastic _____ with a laser which causes it to harden and take shape according to the design.

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

An operating system for mobile phones What is iOS?

ROM The operating system of a cell phone is stored in _____.

microphone and touch pad The primary input devices for smartphones are _____.

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

analog-to-digital converter A(n) _____ chip converts sound waves from a voice into digital signal.

digital signal processor chip A(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 chip A(n) _____ converts your voice's sound waves into digital signals.

Bluetooth Which of the following uses radio waves to transmit data signals over short distances?

USB Many mobile devices include a mini- _____ port.

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

They can contain a limited number of characters. Which is true of SMS messages?

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

data An Internet connectivity plan is also known as a _____ plan.

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

digital VoIP uses _____ technology similar to email to transmit voice over the internet.

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

screen size A main difference between the tablet and the smartphone is the _____.

Smartphone Which of the following mobile devices is the lightest?

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

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

E-text _____ is digital textual information that can be stored, manipulated, and transmitted by electronic devices.

a cloud service Your mobile device files can be synchronized using _____.

. accdb Which of the following is not an example of a digital music file format?

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

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

JPEG Which of the following digital image formats compresses the image file?

. jpg Which of the following is NOT a video file extension?

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

True Inexpensive phones with modest processors and simple interfaces are called feature phones.

False Smartphones all use the Android operating system.

False iPhones let you add SD flash cards.

False SMS messages are limited to a maximum of 160 words.

False A tablet uses a full traditional operating system.

False SMS technology sends both text and pictures.

False There are more virus attacks on cell phone and smartphones than there are on PCs.

True VoIP can be considered an alternative to a traditional landline phone service.

True DRM-free music can legally be moved from system to system.

False The conversion rate is the number of times per second that the analog signal is measured and converted into a digital value.

True When converting analog waves to a series of numerical values, the higher the sampling rate, the more accurately the original wave can be re-created.

True Raw files are larger than JPEG files.

False Cellular networks offer faster data-transfer speed than WiFi offers.

False With Skype software installed on your phone, you can call any phone number for free.

True VoIP stands for Voice over Internet Protocol.

True Every new cell/smartphone has to include a GPS chip.

Bluetooth _____, a technology that uses radio waves to transmit signals, allows you to synchronize your cell phone or smartphone with your desktop computer wirelessly.

resolutionThe _____ of a digital camera refers to the number of data points recorded for a captured image.

sampling rateThe _____ is the number of times that an analog wave is measured each second in an analog-to-digital conversion.

JPEGThe most common file types supported by digital cameras are raw uncompressed (RAW) data and _____.