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### Directions:

Fill in the blanks.

#### 1. Telecommunications

- Is communication (transmission or reception) of voice, data and other signals across a <u>distance</u>
- Can occur between an <u>unlimited</u> number of people in an unlimited number of locations

## 2. Phone Systems

- Are singular-user or multi-line systems
- Transmit voice, data and other signals through the **telephone** line
- Make it easy to talk with people anywhere in the world
- For businesses usually use multi-line systems in order to handle large call volume and a large number of employees

### 3. Voice Mail

- Is an electronic system which stores and transfers voice messages
- Can be accessed from <u>any</u> telephone in the world with appropriate <u>passwords</u>

#### 4. Cellular Phones

- Are <u>wireless</u> telephones allowing voice and data to be exchanged using radio frequencies or telephone signals
- Are acquiring more special features
  - **preprogrammed** numbers
  - voice mail and text messaging
  - ability to send and receive email and instant messages
  - internet browsing capabilities

#### 5. Fax Machines

- Are specialty telephones which can scan and <u>transmit</u> images (photos or documents) electronically through telephone lines
- Aid in communication when transferring paper copies

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### 6. Fax Machines

- Allow various types of communication to take place without having to mail documents through a postal service
  - companies can **receive** orders from customers
  - employees can **<u>send</u>** documents to other offices
  - businesses can **relay** important documents to other businesses

### 7. Email

- Enables people to send electronic messages with the **click** of a button
- Delivers messages via the internet in **seconds** rather than days
- · Communicates faster than traditional postal delivery
- Has various types of accounts available (can be combined with a personal organization system such as Microsoft<sup>®</sup> Outlook<sup>®</sup>, ACT<sup>®</sup>, etc.)

#### 8. Email

 Aids in productivity and efficiency in a business environment by allowing employees to communicate with one another <u>regardless</u> of location; also allows clients to communicate with the company during business dealings

#### 9. Email

- Allows documents, pictures, video clips and other files to be transported as attachments via the internet
- Allows users to store, organize and archive information contained in emails or attachments

## 10. Instant Messaging & Chatting

- Allows two (with instant messaging) or more (with chatting) parties to communicate <u>instantly</u> via a central server (i.e., the internet)
- · Allows users to track when another user logs on or off

## 11. Instant Messaging & Chatting

- Requires a "<u>screen name</u>" or email address
- Is being used more and more in <u>office</u> environments to connect employees to one another without having to use the phone or email

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### 12. Text Messaging

- Allows for increased productivity and efficiency when an employee has a quick question or request, such as:
  - **confirming** an appointment or meeting
  - obtaining a phone number
  - receiving an answer from a partner company in another <u>state</u> (without having to incur long distance phone charges)

### 13. Intranet

- Is a <u>private</u> Local Area Network (LAN) for use by everyone within an organization or company
- Cannot usually be accessed from the <u>public</u> internet, although, extranets (extensions to an intranet) can open holes in this protection to allow controlled and monitored access
- Keeps employees informed about new policies, products, benefits and positions available

#### 14. Intranet

- Comes in a variety of formats, from simple to complex
  - internal email capabilities
  - message boards for employees
  - website portals accessible only to employees including:
    - forms
    - company <u>news</u>
    - personel information such as vacation time remaining and records

### 15. E-Commerce

- Is electronic commerce (business or commercial transactions occurring over the internet)
  - businesses use the <u>internet</u> to communicate with customers or clients
- Examples:
  - email for customer service requests
  - web-based <u>catalogs</u>
  - selling products online

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## 16. Audio Conferencing

- Is also known as a conference call
- Is a meeting between different locations occurring by way of special telephone connections
- Is most successful for <u>short</u> discussions and when participants are notified ahead of time
  - should be scheduled like a regular meeting with an agenda
- Allows a short meeting to occur without requiring travel time

## 17. Video Conferencing

- Is a conference call involving two or more sites or meeting areas
- Is the ability to communicate via video and audio with video conferencing equipment and the necessary phone lines or broadband (internet) connections
- Consists of three types:
  - point-to-point involving two sites
  - multipoint involving three or more sites
  - webcast **broadcasting** through the internet

## 18. Video Conferencing

- Includes these benefits:
  - is almost like being in the same room
  - enhances understanding and helps participants feel connected to each other through visual communication and interaction among participants
  - supports **collaboration** among traditionally isolated organizations
  - heightens and improves communication and presentation
  - increases depth of understanding

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### 19. Teleconferencing

- Is interactive communication between several people at <u>different</u> locations
- Is used by large companies on national or global sites
- Allows employees from various long distance sites to participate in the same phone call at the same time
- Includes these benefits:
  - decreasing travel costs
  - increasing interaction between sites
  - increasing efficiency

### 20. Telecommuting

- Allows employees to work full- or part-time <u>outside</u> the traditional workplace
- Benefits include:
  - balancing work and family
  - improving employee morale and productivity
  - decreasing overhead costs

## 21. Telecommuting

- Factors continuing to affect the future include:
  - availability of bandwidth and fast internet connections in a given country
  - social attitudes for **balancing** work control and work freedom
  - perceived values and economics in telecommuting
  - opportunities and need for working collaboratively across large distances and **globally**

### 22. Telecommunications Ethics

- Requires people to not use a computer in the workplace to:
  - harm other people
  - bear false witness
  - steal ideas or tangible items
  - copy software not paid for
  - conduct personal communication
- Uses various forms of <u>telecommunications</u> to demonstrate consideration and respect

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### 23. Telecommunications Etiquette

- Requires people to:
  - identify themselves in all forms of telecommunication
  - send an email rather than call if the message is not time sensitive
  - silence cell phone during meetings and other important events
  - return all calls promptly
  - get to the point quickly

## 24. Telecommunications Etiquette

- Requires people do not:
  - eat while talking on the phone
  - send faxes of more than <u>ten</u> pages without asking permission from the receiver
  - type emails in all caps
  - interrupt a face-to-face conversation to talk on the phone
  - forget to check incoming voice mail or email

### 25. Telecommunications Etiquette

- When answering phones at a place of business requires:
  - providing a professional sounding first impression
  - identifying **yourself**
  - identifying the caller and their needs
    - if the caller does not introduce themselves, simply ask, "may I ask who is calling"

**Example Phone Answering Scripts:** 

"Hi, you have reached Cal's Kitchen, I'm Amanda. How may I help you?" "Hello, this is Mark at Pet Palace. How can I direct your call?"

### 26. Telecommunication Scenarios

- Which form of telecommunications would you use?
  - You are a customer service representative at a retail store, and you need to ask your supervisor an important question. The answer is highly <u>time-sensitive</u>.
  - A problem has just arisen effecting your sales departments in <u>Tokyo</u> and the United States. You need to notify both sales managers immediately, but you do not want to repeat the message.

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### 27. Telecommunication Scenarios

- Which form of telecommunications would you use?
  - An important document needs to be mailed today, but your manager is at <u>another location</u>. It is <u>imperative</u> for your manager to look at the documents and check for errors before they are mailed, but she will not be back in the office today.