

Lesson 30 – Technology and Society

True/False:

1. The Internet and the Web are the major forms of technology affecting your life today.
2. The exchange and sharing of ideas on a global basis can help you see a problem from different viewpoints.
3. B2B e-commerce transactions are between businesses and consumers.
4. Employees who work primarily on the telephone are called telecommuters.
5. An embedded computer is designed to perform one or a few dedicated tasks within a device or appliance.

Multiple Choice:

1. When someone works from home, it is called _____.
 - a. Homework
 - b. Electronic working
 - c. Telecommuting
 - d. B2E
2. _____ can read information from RFID tags from several feet away.
 - a. B2B
 - b. Electronic waves
 - c. E-mail
 - d. Scanners
3. Manufacturers use computerized robots on assembly lines because robots _____.
 - a. Are precise
 - b. Take exact measurements
 - c. Increase production
 - d. All of the above
4. Purchasing tickets online, ordering a program, and selecting your seats is an example of _____.
 - a. Simulations
 - b. Virtual reality
 - c. Digital cash
 - d. E-commerce
5. Almost every home has appliances with _____ computers.
 - a. GPS
 - b. Active
 - c. Embedded
 - d. biometric

Fill in the Blank:

1. _____ applies statistics to biology.
2. When you use _____ cash, unauthorized people cannot obtain information about you.
3. A terminal used for electronic processing of payment transactions in a retail outlet is called a(n) _____ system.
4. B2G includes transactions between _____ and _____.
5. _____ is showing or requiring careful analysis before judgment.

Project 30-1

Many government, nonprofit, and commercial Web sites provide online learning opportunities. Complete the following:

1. Start your Web browser, and then go to the Intel Web site at the following address:
[Http://educate.intel.com/en/DesignDiscovery/ImplementationExamples/students_projects.htm](http://educate.intel.com/en/DesignDiscovery/ImplementationExamples/students_projects.htm)
2. Review the student projects on the site, select one of the projects, and then read its description.
3. Use your word-processing software and prepare a report on what you learned. Copy and paste at least two images from this Web site or from another Web site that is applicable to your report. Create a PowerPoint presentation and share your project with your class.

Project 30-3

Online local, national, and state government Web sites were discussed in this lesson. Complete the following:

1. Use the Internet to locate a government Web site that applies to your community or city.
2. Evaluate the Web site and write a review (minimum 1 paragraph) of what is contained on the Web site.
3. Comment on what you found the most helpful and informational. Also identify what is missing from the Web sites you examined.

Critical Thinking

1. Congratulations on your new job at Global Pharmaceuticals. Assume that your supervisor has asked you to research and prepare a report on biometric security measures.
2. After you thoroughly research this project, recommend a specific method to your supervisor.
3. Create a report (any method) listing the method you selected, describe how it works, and explain why you selected it.
4. Use complete sentences

Online Discovery

Most dentist today use computers in one way or another. For instance, instead of viewing a film of an x-ray, you can view it on a computer screen. Some dentists use a sonic device to clean teeth. Use search engines to see what you can discover about how dentist are using computers. Prepare a presentation and share it with the class.