# Multiple Choice Questions

51. A word processing program would be an example of:
   - a. hardware.
   - b. software.
   - c. data.
   - d. procedures.

**Answer:** b  **Difficulty:** Easy  **Page Reference:** 5

52. A computer monitor would be an example of:
   - a. hardware.
   - b. software.
   - c. a DSS.
   - d. spaceware.
   - e. data.

**Answer:** a  **Difficulty:** Easy  **Page Reference:** 5

53. All of the following are components of an information system except:
   - a. software.
   - b. culture.
   - c. hardware.
   - d. procedures.
   - e. people.

**Answer:** b  **Difficulty:** Medium  **Page Reference:** 5

54. Windows XP would be an example of the ____________ component of an information system.
   - a. software
   - b. hardware
   - c. data
   - d. procedure
   - e. people

**Answer:** a  **Difficulty:** Easy  **Page Reference:** 5

55. A network router would be an example of the ____________ component of an information system.
   - a. software
   - b. hardware
   - c. data
   - d. procedure
   - e. people
<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
<th>Difficulty</th>
<th>Page Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>56. A software trainer would be an example of the __________ component of an information system.</td>
<td>e</td>
<td>Medium</td>
<td>5</td>
</tr>
<tr>
<td>57. A computer security protocol for logging in would be an example of the __________ component of an information system.</td>
<td>d</td>
<td>Medium</td>
<td>5</td>
</tr>
<tr>
<td>58. An end user would be an example of the __________ component of an information system.</td>
<td>e</td>
<td>Easy</td>
<td>5</td>
</tr>
<tr>
<td>59. Customer numbers and their names would be an example of the __________ component of an order management information system.</td>
<td>c</td>
<td>Medium</td>
<td>5</td>
</tr>
</tbody>
</table>
60. An iPod would be an example of the ______________ component of an information system.
   a. software
   b. hardware
   c. data
   d. procedure
   e. people

   Answer: b  Difficulty: Medium  Page Reference: 5

61. The music one downloads from a music sharing site to one’s own computer or device would be an example of the ______________ component of an information system.
   a. software
   b. hardware
   c. data
   d. procedure
   e. people

   Answer: c  Difficulty: Medium  Page Reference: 5

62. A wall calendar is an example of a(n) ________________.
   a. software.
   b. information system
   c. hardware.
   d. procedure.

   Answer: b  Difficulty: Easy  Page Reference: 5

63. You need to _______________ the development of your business’ computer system.
   a. take a class on
   b. take an active role in
   c. pass the task over to the IT department for
   d. ignore

   Answer: b  Difficulty: Easy  Page Reference: 6

64. The information ________________ specify what the new system should be able to do when completed.
   a. programs
b. software  
c. requirements  
d. analyses  
e. help functions.

**Answer:** c  
**Difficulty:** Hard  
**Page Reference:** 6

### AACSB: Reflective Thinking

65. An MIS helps businesses achieve:

a. its goals and objectives.  
b. parity.  
c. fairness.  
d. security.  
e. waking up employees.

**Answer:** a  
**Difficulty:** Easy  
**Page Reference:** 7

### AACSB: Use of IT

66. Nonroutine cognitive skills include:

a. communication.  
b. problem-solving.  
c. abstract reasoning.  
d. collaboration.  
e. All of the above.

**Answer:** e  
**Difficulty:** Easy  
**Page Reference:** 9

### AACSB: Reflective Thinking

67. People need to become comfortable with _________ to succeed in the 21st century.

a. technology  
b. ambiguity  
c. routine skills  
d. RAND  

c. data

d. software

**Answer:** b  
**Difficulty:** Easy  
**Page Reference:** 7

### AACSB: Communication

68. An example of a set of instructions is the ____________ component.

a. hardware  
b. people  
c. data  
d. software
<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
<th>Difficulty</th>
<th>Page Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>69. A company’s ______________________ serves as the instructions for how users may use and access the data.   &lt;br&gt; a. software  &lt;br&gt; b. hardware  &lt;br&gt; c. context  &lt;br&gt; d. procedures  &lt;br&gt; e. people</td>
<td>d</td>
<td>Easy</td>
<td>9</td>
</tr>
<tr>
<td>70. The __________________ functions as the instructions for the hardware in an information system.   &lt;br&gt; a. software  &lt;br&gt; b. hardware  &lt;br&gt; c. data  &lt;br&gt; d. procedures  &lt;br&gt; e. people</td>
<td>a</td>
<td>Medium</td>
<td>9</td>
</tr>
<tr>
<td>71. The __________________ functions as a bridge between the human side of the information system components and the computer/automation side.   &lt;br&gt; a. software  &lt;br&gt; b. hardware  &lt;br&gt; c. data  &lt;br&gt; d. procedure  &lt;br&gt; e. people</td>
<td>c</td>
<td>Medium</td>
<td>9</td>
</tr>
<tr>
<td>72. The most important component of an information system is __________________.   &lt;br&gt; a. software  &lt;br&gt; b. hardware  &lt;br&gt; c. data  &lt;br&gt; d. procedure  &lt;br&gt; e. people</td>
<td>e</td>
<td>Easy</td>
<td>9</td>
</tr>
<tr>
<td>73. The most important component of an information system is the__________________.   &lt;br&gt; a. software.  &lt;br&gt; b. hardware.  &lt;br&gt; c. data.  &lt;br&gt; d. security software.  &lt;br&gt; e. people.</td>
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</table>
The process of ________________ moves work from people to computers.

a. automation  
b. integration  
c. technology  
d. information

Answer: a  Difficulty: Medium  Page Reference: 10

AACSB: Analytical Skills

75. The quality of your ____________ is a large part of the quality of your information system.

a. computer  
b. thinking  
c. time  
d. challenges  
e. life

Answer: b  Difficulty: Medium  Page Reference: 10

76. A system that consists of a file of email addresses and an email program is ________.

a. high-tech  
b. low-tech  
c. high-gear  
d. cognitive

Answer: b  Difficulty: Medium  Page Reference: 10

77. It is probably easier to change the ________________ of an information system than the software.

a. context  
b. hardware  
c. data  
d. procedure  
e. people

Answer: b  Difficulty: Medium  Page Reference: 11

AACSB: Analytical Skills

78. It is probably harder to make changes to the ________________ of an information system than the data itself.

a. software  
b. hardware
c. context
d. procedures

**Answer:** d  **Difficulty:** Medium  **Page Reference:** 11

**AACSB: Analytical Skills**

79. Knowledge derived from recorded facts is __________.
   a. data  b. information  c. truth  d. all of the above  e. none of the above

**Answer:** b  **Difficulty:** Medium  **Page Reference:** 11

80. Recorded facts and figures are __________.
   a. data  b. information  c. truth  d. all of the above  e. none of the above

**Answer:** a  **Difficulty:** Medium  **Page Reference:** 11

81. A good information system will provide each user with:
   a. large quantities of information.  b. colorful graphics.  c. user tools.  d. data flows.  e. just barely as much information as is needed.

**Answer:** a  **Difficulty:** Hard  **Page Reference:** 11

**AACSB: Reflective Thinking**

82. A ticket from L.A. to Denver costs $212. This is an example of:
   a. data  b. information  c. truth  d. all of the above  e. none of the above

**Answer:** a  **Difficulty:** Medium  **Page Reference:** 11

**AACSB: Analytical Skills**

83. The average cost of a gallon of petrol is currently $3.01. This is an example of:
   a. data
84. Information is __________ data.
   a. grouped
   b. technical
   c. processed
   d. context

Answer: c  Difficulty: Medium  Page Reference: 12

85. Which of the following is not a characteristic of good information?
   a. interchangeability
   b. relevance
   c. cost effectiveness
   d. timeliness
   e. accuracy

Answer: a  Difficulty: Medium  Page Reference: 13

86. Information must be ___; it must be correct.
   a. relevant
   b. economical
   c. timely
   d. accurate

Answer: d  Difficulty: Medium  Page Reference: 13

87. Good information is _______; it is produced in time for its intended use.
   a. relevant
   b. economical
   c. timely
   d. accurate

Answer: c  Difficulty: Medium  Page Reference: 13

88. If you are a ___________________ recipient of sensitive information, such as might be overheard or contained in a misdirected email, this would not be illegal, but might be unethical to use it.
   a. active
   b. passive
   c. proper
   d. business
<table>
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<tr>
<th>Answer: b</th>
<th>Difficulty: Medium</th>
<th>Page Reference: 15</th>
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<tbody>
<tr>
<td><strong>AACSB: Ethical Reasoning</strong></td>
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<tr>
<td>89. Information that is produced at a reasonable cost would be considered ________________ information.</td>
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<tr>
<td>a. relevant</td>
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<td>b. economical</td>
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<td></td>
</tr>
<tr>
<td>c. timely</td>
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<tr>
<td>d. business</td>
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<tr>
<td><strong>Answer: b</strong></td>
<td><strong>Difficulty: Medium</strong></td>
<td><strong>Page Reference: 16</strong></td>
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<td><strong>AACSB: Analytical Skills</strong></td>
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<td>90. The average temperature on the surface of the moon would probably be ________________ information for a financial analyst.</td>
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<tr>
<td>a. important.</td>
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<td>b. timely.</td>
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<td>c. irrelevant.</td>
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<tr>
<td>d. accurate.</td>
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<tr>
<td><strong>Answer: c</strong></td>
<td><strong>Difficulty: Easy</strong></td>
<td><strong>Page Reference: 16</strong></td>
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<td><strong>AACSB: Reflective Thinking</strong></td>
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<td>91. In order to be cost effective, information must be:</td>
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<td>a. timely.</td>
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<td>b. adaptable.</td>
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<td>c. be worth the cost of producing it.</td>
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<td>d. an input into another system.</td>
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<td>e. comprehensive.</td>
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<td><strong>Answer: c</strong></td>
<td><strong>Difficulty: Medium</strong></td>
<td><strong>Page Reference: 16</strong></td>
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<tr>
<td>92. ________________ refers to the products, methods, inventions, and standards used for producing information.</td>
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<tr>
<td>a. Interrelated components</td>
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<td>b. Information systems</td>
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<tr>
<td>c. Information components</td>
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<tr>
<td>d. Information technology</td>
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<tr>
<td><strong>Answer: d</strong></td>
<td><strong>Difficulty: Medium</strong></td>
<td><strong>Page Reference: 16</strong></td>
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<tr>
<td>93. Problem-identifiers and problem-solvers are examples of ________________.</td>
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<tr>
<td>a. Solution brokers</td>
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<td>b. Symbolic-analytic workers</td>
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<td>c. In-person service workers</td>
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<td>d. Routine production service workers</td>
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<tr>
<td>Answer: b</td>
<td>Difficulty: Medium</td>
<td>Page Reference: 17</td>
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</table>

**AACSB: Communication**

94. The basic idea of Moore’s law is that:

- IT makes people more productive.
- people tend to want more information than they need.
- computer memory is getting bigger.
- the density of transistors on a computer chip doubles every 18 months.

Answer: d  Difficulty: Medium  Page Reference: 13

95. The density of transistors on a chip is directly related to the ____________ of the chip.

- color
- speed
- threading
- analysis

Answer: b  Difficulty: Medium  Page Reference: 4

96. It is expected that the price and power of computer chips will ____________ over the next decade.

- continue to grow slowly
- stay about the same
- shrink
- grow more dramatically
- obey Moore’s Law

Answer: e  Difficulty: Medium  Page Reference: 13

97. The cost as measured per 10,000 transistors on computer chips has been ____________ steadily over time.

- keeping pace
- gradually increasing
- dropping
- increasing drastically

Answer: c  Difficulty: Hard  Page Reference: 13

98. According to Moore’s Law, an integrated chip’s speed and power should ____________ every 18 months.

- gradually increase
- grow 50%
- increase 100%
- grow 200%
- increase exponentially
<table>
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<tr>
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<th>Answer</th>
<th>Difficulty</th>
<th>Page Reference</th>
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<tbody>
<tr>
<td>99.</td>
<td>c</td>
<td>Hard</td>
<td>13</td>
</tr>
</tbody>
</table>
|          | To get the most out of any class you take it is important to ____________ the material by asking, “How will this class help me to achieve my goals?”<br>a. personalize  
|          |        |            |                |
|          | b. review  |
|          | c. summarize  |
|          | d. criticize  |
|          | e. all of the above  |
|          | Answer: a | Difficulty: Medium | Page Reference: 19 |
| 100.     | e      | Medium     | 19             |
|          | AACSB: Communication |
|          | It is important to try to understand the ________________ of teachers, authors, and your colleagues.<br>a. behavior  
|          | b. ethics  |
|          | c. etiquette  |
|          | d. judgement  |
|          | e. perspective  |
|          | Answer: e | Difficulty: Medium | Page Reference: 20 |
| 101.     | c      | Medium     | 20             |
|          | AACSB: Communication |
|          | Information has been defined as “a difference that makes a difference”. Most quantitatively-oriented teachers and professionals would view this definition as:<br>a. valuable.  
|          | b. a good basis for analysis.  
|          | c. vapid and useless.  
|          | d. good for business.  |
|          | Answer: c | Difficulty: Medium | Page Reference: 20 |
|          | AACSB: Communication |