True / False

1. Software can be classified into two broad types: application software and programming software.

a. Trueb. False

ANSWER: False
POINTS: 1
REFERENCES: 2

QUESTION TYPE: True / False

HAS VARIABLES: False

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2. Every programming language has rules governing its word usage and punctuation.

a. Trueb. False

ANSWER: True POINTS: 1
REFERENCES: 3

*QUESTION TYPE:* True / False

HAS VARIABLES: False

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3. Besides the popular, comprehensive programming languages such as Java and C++, many programmers use scripting languages such as Python, Lua, Perl, and PHP.

a. Trueb. False

ANSWER: True POINTS: 1
REFERENCES: 4

QUESTION TYPE: True / False

HAS VARIABLES: False

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4. Professional computer programmers write programs to satisfy their own needs.

a. True

b. False

ANSWER: False
POINTS: 1
REFERENCES: 8

OUESTION TYPE: True / False

| Name :                       |                   |                    | Class:                                | Dat<br>e: |
|------------------------------|-------------------|--------------------|---------------------------------------|-----------|
| Chapter 1                    |                   |                    |                                       |           |
| HAS VARIABLES:               |                   |                    | False                                 |           |
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| 5. The heart of the progra   | mming process li  | es in planning th  | ne program's logic.                   |           |
|                              | a.                | True               |                                       |           |
|                              | b.                | False              |                                       |           |
| ANSWER:                      |                   |                    | True                                  |           |
| POINTS:                      |                   |                    | 1                                     |           |
| REFERENCES:                  |                   |                    | 9                                     |           |
| QUESTION TYPE:               |                   |                    | True / False                          |           |
| HAS VARIABLES:               |                   |                    | False                                 |           |
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| 6. Once a program is com     | pletely coded, it | is ready for a con | mpany or organization to use.         |           |
|                              | a.                | True               |                                       |           |
|                              | b.                | False              |                                       |           |
| ANSWER:                      |                   |                    | False                                 |           |
| POINTS:                      |                   |                    | 1                                     |           |
| REFERENCES:                  |                   |                    | 13                                    |           |
| QUESTION TYPE:               |                   |                    | True / False                          |           |
| HAS VARIABLES:               |                   |                    | False                                 |           |
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| 7. A flowchart is an Engli   | sh-like represent | ~                  | cal steps necessary to solve a proble | em.       |
|                              | a.                | True               |                                       |           |
|                              | b.                | False              |                                       |           |
| ANSWER:                      |                   |                    | False                                 |           |
| POINTS:                      |                   |                    | 1                                     |           |
| REFERENCES:                  |                   |                    | 15                                    |           |
| QUESTION TYPE:               |                   |                    | True / False                          |           |
| HAS VARIABLES:               |                   |                    | False                                 |           |
| DATE CREATED:                |                   |                    | 9/12/2016 12:40 PM                    |           |
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| 8. An infinite loop is a flo | w of program log  | -                  | nd never ends.                        |           |
|                              | a.                | True               |                                       |           |
|                              | b.                | False              |                                       |           |
| ANSWER:                      |                   |                    | True                                  |           |
| POINTS:                      |                   |                    | 1                                     |           |

| Name<br>:            |                        | :                    | Class         |                   | Dat<br>e:                    |      |
|----------------------|------------------------|----------------------|---------------|-------------------|------------------------------|------|
| Chapter 1            |                        |                      |               |                   |                              |      |
| REFERENCES:          |                        |                      | 19            |                   |                              |      |
| QUESTION TYPE:       |                        |                      | True / Fals   | se                |                              |      |
| HAS VARIABLES:       |                        |                      | False         |                   |                              |      |
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| 9. Alan Turing is of | ten regarded as the fi | rst programmer.      |               |                   |                              |      |
|                      | a.                     | True                 |               |                   |                              |      |
|                      | b.                     | False                |               |                   |                              |      |
| ANSWER:              |                        |                      | False         |                   |                              |      |
| POINTS:              |                        |                      | 1             |                   |                              |      |
| REFERENCES:          |                        |                      | 27            |                   |                              |      |
| QUESTION TYPE:       |                        |                      | True / Fals   | se                |                              |      |
| HAS VARIABLES:       |                        |                      | False         |                   |                              |      |
| DATE CREATED:        |                        |                      | 9/12/2016     | 12:40 PM          |                              |      |
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| 10. Programmers ca   | an use either procedur | ral programming or   | object-orien  | ted programming   | g to develop programs.       |      |
|                      | a.                     | True                 |               |                   |                              |      |
|                      | b.                     | False                |               |                   |                              |      |
| ANSWER:              |                        |                      | True          |                   |                              |      |
| POINTS:              |                        |                      | 1             |                   |                              |      |
| REFERENCES:          |                        |                      | 27            |                   |                              |      |
| QUESTION TYPE:       |                        |                      | True / Fals   | se                |                              |      |
| HAS VARIABLES:       |                        |                      | False         |                   |                              |      |
| DATE CREATED:        |                        |                      | 9/12/2016     | 12:40 PM          |                              |      |
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| Multiple Choice      |                        |                      |               |                   |                              |      |
| 11 data items them.  | may involve organiz    | ing or sorting them, | , checking th | nem for accuracy, | , or performing calculations | with |
| a.                   | Processing             |                      | b.            | Inputting         |                              |      |
| c.                   | Outputting             |                      | d.            | Converting        |                              |      |
| ANSWER:              |                        |                      | a             |                   |                              |      |
| POINTS:              |                        |                      | 1             |                   |                              |      |
| REFERENCES:          |                        |                      | 2             |                   |                              |      |
| QUESTION TYPE:       |                        |                      | Multiple C    | Choice            |                              |      |
| HAS VARIABLES:       |                        |                      | False         |                   |                              |      |
| DATE CREATED:        |                        |                      | 9/12/2016     | 12:40 PM          |                              |      |
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|                      |                        |                      |               |                   |                              |      |

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|--|------------------------------------|---|
| Chapter 1  |                                    |   |
| 16. The process of walking through a program's         |                                    |   |
| a. desk-checking                                       | b. flowch                          | •                                       |
| c. pseudocoding  | d. testing                         |   |
| ANSWER:  | a                                  |   |
| POINTS:  | 1                                  |   |
| REFERENCES:  | 10                                 |   |
| QUESTION TYPE:   | Multiple Choice                    |   |
| HAS VARIABLES:   | False                              |   |
| DATE CREATED:  | 9/12/2016 12:40 PM                 |   |
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| 17. After a programmer plans the logic of a program    | am the next sten is                |   |
| a. understanding the problem                           |                                    | g the program                           |
| c. translating the program                             |                                    | g the program                           |
| ANSWER:  | d                                  | 5 we program                            |
| POINTS:  | 1                                  |   |
| REFERENCES:  | 10                                 |   |
| QUESTION TYPE:   | Multiple Choice                    |   |
| HAS VARIABLES:   | False                              |   |
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|  |                                    |   |
| 18. Typically, a programmer develops a program errors. |                                    | the program, receiving a list of syntax |
| a. runs  | b. compi                           | les                                     |
| c. executes  | d. tests                           |   |
| ANSWER:  | ь                                  |   |
| POINTS:  | 1                                  |   |
| REFERENCES:  | 11                                 |   |
| QUESTION TYPE:   | Multiple Choice                    |   |
| HAS VARIABLES:   | False                              |   |
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| 19. A error results when you use a syntactic           | ally correct statement but use the | wrong one for the current context       |
| a. syntax  | b. logical                         | wrong one for the eurrent context.      |
| c. semantic  | d. programming                     |   |
| ANSWER:  | b                                  |   |
| POINTS:  | 1                                  |   |
| REFERENCES:  | 12                                 |   |
| QUESTION TYPE:   | Multiple Choice                    |   |

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| HAS VARIABLES:  | False                  |           |
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| 20. The process of finding and correcting program errors  | is called              |           |
| a. desk-checking  | b. syntax-checking     |           |
| c. error correcting                                       | d. debugging           |           |
| ANSWER:   | d                      |           |
| POINTS:   | 1                      |           |
| REFERENCES:   | 13                     |           |
| QUESTION TYPE:  | Multiple Choice        |           |
| HAS VARIABLES:  | False                  |           |
| DATE CREATED:   | 9/12/2016 12:40 PM     |           |
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| 21. After programs are put into production, making necess | sary changes is called |           |
| a. debugging  | b. conversion          |           |
| c. maintenance  | d. testing             |           |
| ANSWER:   | c                      |           |
| POINTS:   | 1                      |           |
| REFERENCES:   | 14                     |           |
| QUESTION TYPE:  | Multiple Choice        |           |
| HAS VARIABLES:  | False                  |           |
| DATE CREATED:   | 9/12/2016 12:40 PM     |           |
| DATE MODIFIED:  | 9/12/2016 12:40 PM     |           |
| 22. Using involves writing down all the steps you w       | ill use in a program.  |           |
| a. a compiler   | b. an interpreter      |           |
| c. a flowchart  | d. pseudocode          |           |
| ANSWER:   | d                      |           |
| POINTS:   | 1                      |           |
| REFERENCES:   | 15                     |           |
| QUESTION TYPE:  | Multiple Choice        |           |
| HAS VARIABLES:  | False                  |           |
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| 23. In a flowchart, the is used to represent processin    | <del>-</del>           |           |
| a. circle   | b. diamond             |           |
| c. triangle   | d. rectangle           |           |
| ANSWER:   | d                      |           |
| POINTS:   | 1                      |           |

variable

c.

decision symbol

| Name<br>:  | Class<br>::                             |                    | Dat<br>e:                             |
|--|---|--------------------|---------------------------------------|
| Chapter 1  |   |                    |                                       |
| ANSWER:  | b                                       |                    |                                       |
| POINTS:  | 1                                       |                    |                                       |
| REFERENCES:  | 19                                      |                    |                                       |
| QUESTION TYPE:                                     | Multip                                  | ole Choice         |                                       |
| HAS VARIABLES:                                     | False                                   |                    |                                       |
| DATE CREATED:                                      | 9/12/2                                  | 016 12:40 PM       |                                       |
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| 28. You represent a decision                       | in a flowchart by drawing a decision sy | mbol, which is s   | haped like a                          |
| a. parallel  | ogram                                   | b.                 | square                                |
| c. diamon  | .d                                      | d.                 | circle                                |
| ANSWER:  | c                                       |                    |                                       |
| POINTS:  | 1                                       |                    |                                       |
| REFERENCES:  | 21                                      |                    |                                       |
| QUESTION TYPE:                                     | Multip                                  | ole Choice         |                                       |
| HAS VARIABLES:                                     | False                                   |                    |                                       |
| DATE CREATED:                                      | 9/12/2                                  | 016 12:40 PM       |                                       |
| DATE MODIFIED:                                     | 9/12/2                                  | 016 12:40 PM       |                                       |
| 29. Many programming languof data in a file.       | uages use the term to refer to the r    | narker that is use | ed to automatically recognize the end |
| a. data_e  | end                                     | b. end_dat         | ta                                    |
| c. eof   |   | d. eod             |                                       |
| ANSWER:  | c                                       |                    |                                       |
| POINTS:  | 1                                       |                    |                                       |
| REFERENCES:  | 22                                      |                    |                                       |
| QUESTION TYPE:                                     | Multip                                  | ole Choice         |                                       |
| HAS VARIABLES:                                     | False                                   |                    |                                       |
| DATE CREATED:                                      | 9/12/2                                  | 016 12:40 PM       |                                       |
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| 30. To enter the program into statements into a(n) | a computer so you can translate and ex  | ecute it, you usu  | nally use a keyboard to type program  |
| a. command l                                       | ine b.                                  | input screen       |                                       |
| c. editor  | d.                                      | word process       | sor                                   |
| ANSWER:  | c                                       |                    |                                       |
| POINTS:  | 1                                       |                    |                                       |
| REFERENCES:  | 23                                      |                    |                                       |
| QUESTION TYPE:                                     | Multip                                  | ole Choice         |                                       |
| HAS VARIABLES:                                     | False                                   |                    |                                       |
| DATE CREATED:                                      | 9/12/2                                  | 016 12:40 PM       |                                       |
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| Chapter 1  | ·  |
| 31. A(n) is a program that you use to create simple te                 | xt files.  |
| a. text editor   | b. IDE   |
| c. GUI   | d. GDE   |
| ANSWER:  | a  |
| POINTS:  | 1  |
| REFERENCES:  | 23   |
| QUESTION TYPE:   | Multiple Choice  |
| HAS VARIABLES:   | False  |
| DATE CREATED:  | 9/12/2016 12:40 PM                                       |
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| 32. A(n) is a software package that provides an editor                 | , a compiler, and other programming tools.               |
| a. GUI   | b. CGI   |
| c. GDE   | d. IDE   |
| ANSWER:  | d  |
| POINTS:  | 1  |
| REFERENCES:  | 24   |
| QUESTION TYPE:   | Multiple Choice  |
| HAS VARIABLES:   | False  |
| DATE CREATED:  | 9/12/2016 12:40 PM                                       |
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| 33. A(n) is a location on your computer screen where operating system. | you type text entries to communicate with the computer's |
| a. input line  | b. communication line                                    |
| c. command line  | d. GCI   |
| ANSWER:  | С  |
| POINTS:  | 1  |
| REFERENCES:  | 25   |
| QUESTION TYPE:   | Multiple Choice  |
| HAS VARIABLES:   | False  |
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| 34. A allows users to interact with a program in a gra                 | phical environment.                                      |
| a. GCI   | b. CGI   |
| c. command line  | d. GUI   |
| ANSWER:  | d  |
| POINTS:  | 1  |
| REFERENCES:  | 25   |
| QUESTION TYPE:   | Multiple Choice  |
| HAS VARIABLES:   | False  |

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| 35. The major difference between the two mag. use of flowcharts versus pseudoco | ode                                      | the                                  |
| b. testing procedure used by the prog   |  |                                      |
| c. programmer's focus during the ea   | irilest planning stages of a project     |                                      |
| d. programming language used <i>ANSWER</i> :                                    | С  |                                      |
| POINTS:   | 1  |                                      |
| REFERENCES:   | 27                                       |                                      |
| QUESTION TYPE:  | Multiple Choice                          |                                      |
| HAS VARIABLES:  | False                                    |                                      |
| DATE CREATED:   | 9/12/2016 12:40 PM                       |                                      |
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| Completion  |  |                                      |
| 36. When instructions are carried out, a prog                                   | ram runs, or                             |                                      |
| ANSWER:   | executes                                 |                                      |
| POINTS:   | 1  |                                      |
| REFERENCES:   | 4  |                                      |
| QUESTION TYPE:  | Completion                               |                                      |
| HAS VARIABLES:  | False                                    |                                      |
| STUDENT ENTRY MODE:   | Basic                                    |                                      |
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| 37. A(n) is the sequ  | uence of steps necessary to solve any pr | oblem.                               |
| ANSWER:   | algorithm                                |                                      |
| POINTS:   | 1  |                                      |
| REFERENCES:   | 10                                       |                                      |
| QUESTION TYPE:  | Completion                               |                                      |
| HAS VARIABLES:  | False                                    |                                      |
| STUDENT ENTRY MODE:   | Basic                                    |                                      |
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| 38. When you draw a flowchart, you use a(n) input operation.                    | ) to represent                           | the input symbol, which indicates an |
| ANSWER:   | parallelogra                             | m                                    |
| POINTS:   | 1  |                                      |
| REFERENCES:   | 17                                       |                                      |

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|-----------|----------------------------------|---|---------------------------|
| Chapte    | r 1                              |   |                           |
| QUEST     | TION TYPE:                       | Completion                                      |                           |
| HAS V     | ARIABLES:                        | False   |                           |
| STUDI     | ENT ENTRY MODE:                  | Basic   |                           |
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| does no   | ot represent real data.          | secution of a program is often called a(n)      | value because it          |
| ANSW      |                                  | dummy   |                           |
| POINT     |                                  | 1   |                           |
|           | RENCES:                          | 22  |                           |
| ~         | TION TYPE:                       | Completion                                      |                           |
|           | ARIABLES:                        | False   |                           |
|           | ENT ENTRY MODE:                  | Basic   |                           |
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| DATE .    | MODIFIED:                        | 9/12/2016 12:40 I                               | PM                        |
| 40. A(r   |                                  | rammer would approach a problem by dividing the | e process into manageable |
| ANSW      | ER:                              | procedural                                      |                           |
| POINT     | TS:                              | 1   |                           |
| REFER     | RENCES:                          | 27  |                           |
| QUEST     | TION TYPE:                       | Completion                                      |                           |
| HAS V     | ARIABLES:                        | False   |                           |
| STUDI     | ENT ENTRY MODE:                  | Basic   |                           |
| DATE      | CREATED:                         | 9/12/2016 12:40 F                               | PM                        |
| DATE .    | MODIFIED:                        | 9/12/2016 12:40 F                               | PM                        |
| Matchi    | ng                               |   |                           |
| Match     | each term with a statement below | v.  |                           |
| a.        | volatile memory                  |   |                           |
| b.        | software                         |   |                           |
| c.        | syntax error                     |   |                           |
| d.        | machine language                 |   |                           |
| e.        | sentinel                         |   |                           |
| f.        | pseudocode                       |   |                           |
| g.        | hardware                         |   |                           |
| h.        | flowchart                        |   |                           |
| i.        | flowlines                        |   |                           |
| j.        | documentation                    |   |                           |
| REFER     | RENCES:                          | 15  |                           |

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|   | 4<br>9                                      |            |
| QUESTION TYPE:                                | Matching                                    |            |
| HAS VARIABLES:                                | False                                       |            |
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| 41. Equipment, or the physical devices, as    | sociated with a computer                    |            |
| ANSWER:                                       |   | g          |
| POINTS:                                       |   | 1          |
| 42. Instructions that tell the computer wha   | at to do                                    |            |
| ANSWER:                                       |   | b          |
| POINTS:                                       |   | 1          |
| 43. Contents are lost when the computer i     | s turned off or loses power                 |            |
| ANSWER:                                       | •   | a          |
| POINTS:                                       |   | 1          |
| 44. Represent(s) the millions of on/off circ  | cuits within the computer                   |            |
| ANSWER:                                       | 1   | d          |
| POINTS:                                       |   | 1          |
| 45. Incorrectly spelled words, or reversing   | g the proper order of two words in a comput | er program |
| ANSWER:                                       |   | c          |
| POINTS:                                       |   | 1          |
| 46. All the supporting paperwork for a pro-   | ogram                                       |            |
| ANSWER:                                       | . 6   | j          |
| POINTS:                                       |   | 1          |
| 47. Pictorial representation of the logical s | steps it takes to solve a problem           |            |
| ANSWER:                                       | 1   | h          |
| POINTS:                                       |   | 1          |
| 48. English-like representation of the logic  | cal steps it takes to solve a problem       |            |
| ANSWER:                                       | •   | f          |
| POINTS:                                       |   | 1          |
| 49. Used to show the correct sequence of      | statements                                  |            |
| ANSWER:                                       |   | i          |
| POINTS:                                       |   | 1          |

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| :  | :     | e:e |  |
| Chapter 1  |       |     |  |
| 50. Preselected value that stops the execution of a pr | ogram |     |  |
| ANSWER:  |       | e   |  |
| POINTS:  |       | 1   |  |

## Subjective Short Answer

#### 51. Describe temporary and permanent storage.

ANSWER:

When you type program instructions, they are stored in computer memory, which is a computer's temporary, internal storage. Internal storage is volatile—its contents are lost when the computer is turned off or loses power. Usually, you want to be able to retrieve and perhaps modify the stored instructions later, so you also store them on a permanent storage device, such as a disk. Permanent storage devices are nonvolatile—that is, their contents are persistent and are retained even when power is lost.

POINTS: 1
REFERENCES: 4

QUESTION TYPE: Subjective Short Answer

HAS VARIABLES: False STUDENT ENTRY Basic

*MODE*:

TOPICS: Critical Thinking

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### 52. Describe the function of a compiler and an interpreter.

ANSWER:

Each programming language uses a piece of software, called a compiler or an interpreter, to translate your program code into machine language. Machine language is also called binary language, and is represented as a series of 0s and 1s. The compiler or interpreter that translates your code tells you if any programming language component has been used incorrectly. Syntax errors are relatively easy to locate and correct because the compiler or interpreter you use highlights every syntax error. If you write a computer program using a language such as C++ but spell one of its words incorrectly or reverse the proper order of two words, the software lets you know that it found a mistake by displaying an error message as soon as you try to translate the program.

POINTS: 1
REFERENCES: 4

QUESTION TYPE: Subjective Short Answer

HAS VARIABLES: False STUDENT ENTRY Basic

MODE:

TOPICS: Critical Thinking

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## 53. What is a variable and how is it used in a program?

ANSWER:

Suppose the location myNumber is a variable. A variable is a named memory location whose value can vary—for example, the value of myNumber might be 3 when the program is used for the first

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time, and 45 when it is used the next time.

POINTS: 1
REFERENCES: 6

QUESTION TYPE: Subjective Short Answer

HAS VARIABLES: False STUDENT ENTRY Basic

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# 54. What is involved in putting a program into production?

ANSWER: Once the program is tested adequately, it is ready for the organization to use. Putting the program into

production might mean simply running the program once, if it was written to satisfy a user's request for a special list. However, the process might take months if the program will be run on a regular basis, or if it is one of a large system of programs being developed. Perhaps data-entry people must be trained to prepare the input for the new program; users must be trained to understand the output; or existing data in the company must be changed to an entirely new format to accommodate this program. Conversion, the entire set of actions an organization must take to switch over to using a new

program or set of programs, can sometimes take months or years to accomplish.

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REFERENCES: 13-14

QUESTION TYPE: Subjective Short Answer

HAS VARIABLES: False STUDENT ENTRY Basic

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TOPICS: Critical Thinking

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#### 55. How is a decision represented in a flowchart?

ANSWER: You represent a decision in a flowchart by drawing a decision symbol, which is shaped like a

diamond. The diamond usually contains a question, the answer to which is one of two mutually exclusive options—often yes or no. All good computer questions have only two mutually exclusive answers, such as yes and no, or true and false. For example, "What day of the year is your birthday?" is not a good computer question because there are 366 possible answers. But "Is your birthday June 24?" is a good computer question because, for everyone in the world, the answer is either yes or no.

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REFERENCES: 21

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56. How does a program recognize the end of an input file?

ANSWER: Programming languages can recognize the end of data in a file automatically, through a code that is

stored at the end of the data. Many programming languages use the term eof (for "end of file") to

refer to this marker that automatically acts as a sentinel.

POINTS: 1
REFERENCES: 22

QUESTION TYPE: Subjective Short Answer

HAS VARIABLES: False STUDENT ENTRY Basic

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57. Discuss two ways that you can enter a program into a computer.

ANSWER:

To enter the program into a computer so you can translate and execute it, you usually use a keyboard to type program statements into an editor. You can type a program into one of the following:

A plain text editor

A text editor that is part of an integrated development environment

A text editor is a program that you use to create simple text files. It is similar to a word processor, but without as many features. You can use a text editor such as Notepad that is included with Microsoft Windows. An advantage to using a simple text editor to type and save a program is that the completed program does not require much disk space for storage.

You can use the editor of an integrated development environment (IDE) to enter your program. An IDE is a software package that provides an editor, a compiler, and other programming tools.

POINTS: 1

REFERENCES: 23-24

QUESTION TYPE: Subjective Short Answer

HAS VARIABLES: False STUDENT ENTRY Basic

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58. List the features that are commonly included with an IDE editor.

ANSWER: It uses different colors to display various language components, making elements like data types

easier to identify.

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It highlights syntax errors visually for you.

It employs automatic statement completion; when you start to type a statement, the IDE suggests a likely completion, which you can accept with a keystroke.

It provides tools that allow you to step through a program's execution one statement at a time so you can more easily follow the program's logic and determine the source of any errors.

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REFERENCES: 25

QUESTION TYPE: Subjective Short Answer

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59. What are some of the features provided by modern programming languages that were not available in older programming languages?

ANSWER:

People have been writing modern computer programs since the 1940s. The oldest programming languages required programmers to work with memory addresses and to memorize awkward codes associated with machine languages. Newer programming languages look much more like natural language and are easier to use, partly because they allow programmers to name variables instead of using awkward memory addresses. Also, newer programming languages allow programmers to create self-contained modules or program segments that can be pieced together in a variety of ways. The oldest computer programs were written in one piece, from start to finish, but modern programs are rarely written that way—they are created by teams of programmers, each developing reusable and connectable program procedures. Writing several small modules is easier than writing one large program, and most large tasks are easier when you break the work into units and get other workers to help with some of the units.

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REFERENCES: 27

QUESTION TYPE: Subjective Short Answer

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60. Currently, there are two major techniques used to develop programs and their procedures. Name and describe them.

ANSWER:

One technique, procedural programming, focuses on the procedures that programmers create. In other words, procedural programmers focus on the actions that are carried out—for example, getting input data for an employee and writing the calculations needed to produce a paycheck from the data. Procedural programmers would approach the job of producing a paycheck by breaking down the

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paycheck-producing process into manageable subtasks.

The other popular programming model, object-oriented programming, focuses on objects, or "things," and describes their features (or attributes) and their behaviors. For example, object-oriented programmers might design a payroll application by thinking about employees and paychecks, and describing their attributes (e.g., employees have names and Social Security numbers, and paychecks have names and check amounts).

POINTS: 1
REFERENCES: 27

QUESTION TYPE: Subjective Short Answer

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