1. \_\_\_\_\_ is a software development process that is used to manage and improve the quality of a finished system.

a. Desk checking  
b. Stub testing

1. Link testing
2. Software engineering

Analysis:

a. Incorrect. See [Page 450]

b. Incorrect. See [Page 450]

c. Incorrect. See [Page 450]

d. Correct.

1. \_\_\_\_\_ methods use a variety of diagrams, including use case, class, sequence, and transition state diagrams.

a. Traditional  
b. Agile

1. Structured
2. Object-oriented

Analysis:

a. Incorrect. See [Page 454]

b. Incorrect. See [Page 454]

c. Incorrect. See [Page 454]

d. Correct.

1. If modules are \_\_\_\_\_ coupled, one module is linked to internal logic contained in another module.
2. directly
3. indirectly
4. tightly
5. loosely

Analysis:

a. Incorrect. See [Page 458]

b. Incorrect. See [Page 458]

c. Correct.

d. Incorrect. See [Page 458]

1. Properly implemented, \_\_\_\_\_ can speed up projects, reduce costs, and improve overall quality.
2. IDE
3. OOD
4. ISO
5. CMM

Analysis:

a. Incorrect. See [Page 462]

b. Correct.

c. Incorrect. See [Page 462]

d. Incorrect. See [Page 462]

1. Extreme Programming uses a concept called \_\_\_\_\_ programming, which involves two programmers working on the same task on the same computer.
2. iteration
3. parallel
4. loop
5. phased

Analysis:

a. Incorrect. See [Page 465]

b. Correct.

c. Incorrect. See [Page 465]

d. Incorrect. See [Page 465]

1. A(n) \_\_\_\_\_ can make it easier to program interactive software products by providing built-in tools and advanced features, such as real-time error detection, syntax hints, highlighted code, class browsers, and version control.
2. IDE
3. OOD
4. ISO
5. CMM

Analysis:

a. Correct.

b. Incorrect. See [Page 465]

c. Incorrect. See [Page 465]

d. Incorrect. See [Page 465]

1. The objective of \_\_\_\_\_ testing is to identify and eliminate execution errors that could cause the program to terminate abnormally, and logic errors that could have been missed during desk checking.
2. unit
3. acceptance
4. data
5. system

Analysis:

a. Correct.

b. Incorrect. See [Page 466]

c. Incorrect. See [Page 466]

d. Incorrect. See [Page 466]

1. \_\_\_\_\_ documentation includes data dictionary entries, data flow diagrams, object models, screen layouts, source documents, and the system request that initiated the project.
2. Production
3. User
4. System
5. Operations

Analysis:

a. Incorrect. See [Page 470]

b. Incorrect. See [Page 470]

c. Correct.

d. Incorrect. See [Page 470]

1. When utilizing \_\_\_\_\_ techniques, the initial training must include not only the use of the application or system, but some instruction on how to present the materials effectively.
2. trainer-to-customer
3. customer-to-customer
4. trainer-to-trainee
5. train-the-trainer

Analysis:

a. Incorrect. See [Page 479]

b. Incorrect. See [Page 479]

c. Incorrect. See [Page 479]

d. Correct.

1. The \_\_\_\_\_ approach usually is the least expensive changeover method, but involves more risk than any other changeover method.
2. parallel operation
3. direct cutover
4. pilot operation
5. phased operation

Analysis:

a. Incorrect. See [Page 485]

b. Correct.

c. Incorrect. See [Page 485]

d. Incorrect. See [Page 485]