**Question 4**

Which of the following statements comparing component testing and system

testing is TRUE?

a) Component testing verifies the functionality of software modules, program

objects, and classes that are separately testable, whereas system testing

verifies interfaces between components and interactions between different

parts of the system

b) Test cases for component testing are usually derived from component

specifications, design specifications, or data models, whereas test cases for

system testing are usually derived from requirement specifications or use

cases

c) Component testing only focuses on functional characteristics, whereas system

testing focuses on functional and non-functional characteristics

d) Component testing is the responsibility of the testers, whereas system testing

typically is the responsibility of the users of the system

**=> Đáp án A**

**Question 5**

Which of the following statements about test types and test levels is

CORRECT?

a) Functional and non-functional testing can be performed at system and

acceptance test levels, while white-box testing is restricted to component and

integration testing

b) Functional testing can be performed at any test level, while white-box testing is

restricted to component testing

c) It is possible to perform functional, non-functional and white-box testing at any

test level

d) Functional and non-functional testing can be performed at any test level, while

white-box testing is restricted to component and integration testing

**=> Đáp án C**

**Question 6**

Consider the following types of defects that a test level might focus on:

1. Defects in separately testable modules or objects

2. Not focused on identifying defects

3. Defects in interfaces and interactions

4. Defects in the whole test object

Which of the following list correctly matches test levels from the Foundation syllabus with the defect focus options given above?

a) 1 = performance test; 2 = component test; 3 = system test; 4 = acceptance test

b) 1 = component test; 2 = acceptance test; 3 = system test; 4 = integration test

c) 1 = component test; 2 = acceptance test; 3 = integration test; 4 = system test

d) 1 = integration test; 2 = system test; 3 = component test; 4 = acceptance test

**=> Đáp án là C**

Bởi vì performance test không phải là một trong 4 cấp độ kiểm thử (loại A)

1. Defects in separately testable modules or objects -> 1 = component test (loại D)

3. Defects in interfaces and interactions (tập trung vào các lỗi giao diện cũng như sự tương tác giữa các modules có đúng với design hay không) -> 3 = integration test ( loại B chọn C)