

Exam : ISEB BH0-004

**Title : ISEB ISTQB Certificate in
Software Testing**

Version : Demo

1. Where may functional testing be performed?

- A. At system and acceptance testing levels only.
- B. At all test levels.
- C. At all levels above integration testing.
- D. At the acceptance testing level only.

Answer: B

2. Given the following fragment of code, how many tests are required for 100% decision coverage?

```
if width > length then
```

```
    biggest_dimension = width
```

```
    if height > width then
```

```
        biggest_dimension = height
```

```
    end_if
```

```
else
```

```
    biggest_dimension = length
```

```
    if height > length then
```

```
        biggest_dimension = height
```

```
    end_if
```

```
end_if
```

- A. 3
- B. 2
- C. 4
- D. 1

Answer: C

3. As part of which test process do you determine the exit criteria?

- A. Test planning.
- B. Evaluating exit criteria and reporting.
- C. Test closure.
- D. Test control.

Answer: A

4. Which of the following defines the expected results of a test?

- A. Test case specification.
- B. Test design specification.
- C. Test procedure specification.
- D. Test results.

Answer: A

5. Given the following decision table:

	Rule 1	Rule 2	Rule 3	Rule 4
Conditions				
Age	<21 yrs	21 - 29 yrs	30 – 50yrs	>50 yrs
Insurance Class	A	A or B	B, C or D	C or D
Actions				
Premium	£100	£90	£70	£70
Excess	£2,500	£2,500	£500	£1,000

Which of the following test cases and expected results is VALID?

- A. 23 year old in insurance class A Premium is 90 and excess is 2,500.
- B. 51 year old in insurance class C Premium is 70 and excess is 500.
- C. 31 year old in insurance class B Premium is 90 and excess is 2,500.
- D. 43 year old in insurance class C Premium is 70 and excess is 1,000.

Answer: A

6. for which of the following would a static analysis tool be most useful?

- A. Supporting reviews.
- B. Validating models of the software.

- C. Testing code executed in a special test harness.
- D. Enforcement of coding standards.

Answer: D

7. Match the following terms and statements.

- 1) Decision Table Testing.
 - 2) Decision Testing.
 - 3) State Transition Testing.
 - 4) Exploratory Testing.
 - W) Testing carried out within time boxes to achieve specific test objectives, possibly to complement structured testing.
 - X) A test technique used which may be used to verify different system responses, depending on current conditions or previous history.
 - Y) A test technique which combines combinations of inputs that might not otherwise have been exercised during testing.
 - Z) A form of control flow testing based on decision outcomes.
- A. 1Y, 2Z, 3X, 4W.
 - B. 1X, 2W, 3Z, 4Y.
 - C. 1Z, 2X, 3W, 4Y.
 - D. 1Z, 2Y, 3X, 4W.

Answer: A

8. Which of the following activities should be performed during the selection and implementation of a testing tool?

- a) Investigate the organisations test process.
- b) Conduct a proof of concept.
- c) Implement the selected tool on a project behind schedule to save time.
- d) Identify coaching and mentoring requirements for the use of the selected tool.

A. a, b, c.

B. b, c, d.

C. a, c, d.

D. a, b, d.

Answer: D

9. From a Testing perspective, what are the main purposes of Configuration Management?

a) Identifying the version of software under test.

b) Controlling the version of testware items.

c) Developing new testware items.

d) Tracking changes to testware items.

e) Analysing the need for new testware items.

A. b, d and e.

B. b, c and d.

C. a, b and d.

D. a, c and e.

Answer: C

10. A wholesaler sells printer cartridges. The minimum order quantity is 5. There is a 20% discount for orders of 100 or more printer cartridges. You have been asked to prepare test cases using various values for the number of printer cartridges ordered. Which of the following groups contain three test inputs that would be generated using Boundary Value Analysis?

A. 5, 6, 20.

B. 4, 5, 80.

C. 4, 5, 99.

D. 1, 20, 100.

Answer: C