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Vendor: ASTQB

Code: CTAL

Exam: ISTQB Advanced Level

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QUESTIONS & ANSWERS

DEMO VERSION

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(LIMITED CONTENT)

Version: 5.0

Question: 1

According to ISTQB syllabus, systems of systems;

I . Contain interconnected hardware, software applications and communications.

II . Include big bang merging of independent collaborating systems to avoid creating the entire system from scratch.

III . Can be less reliable than individual systems

IV . Characteristics include; long duration of projects, version management and regression tests at systems of systems level.

A. I, II and IV are true.

B. I, II are true and III is false.

C. I, III, and IV are true, II is false.

D. II,III and IV are true, I is false.

Answer: C

Question: 2

Select the correct statement;

A. Testing processes are interconnected and related to activities like requirements engineering, software development, etc.

B. Testing tasks cannot be concurrent.

C. Requirements engineering and software testing are two isolated activities.

D. Testing activities / processes do not have to be aligned to the chosen software development lifecycle model.

Answer: A

Question: 3

Which of the following statements are false?

I . Test execution starts when the system entry criteria are met (or waived) and test execution ends when exit criteria are met.

II . System test environment creation might start during system design in V-model III.

Long term prospects needs to be considered when selecting test process or tools. IV.

Daily/weekly scrum meetings are part of agile testing method.

A. I and II are false.

B. II, III and IV are false

C. I, II, III are false

D. None of them are false

Answer: D

Question: 4

System test closure activities occur;

- I . After system exit criteria are met.
- II . After acceptance testing is over.
- III . After all project activities are finished.
- IV . After the execution of all test cases.

- A. I,II and IV are true
- B. II and IV are true
- C. I,II, III are true
- D. All of them are true

Answer: C

Question: 5

Which of the following statements are true?

- I . Early test planning and later test execution is an activity of sequential software development model
- II . Change and configuration management are not needed for software testing activities.
- III . Based on the project context, additional levels of testing like hardware-software integration testing, feature interaction testing can be done.
- IV . System test planning and project planning could occur concurrently in V-model.

- A. I, II and III are true.
- B. II, III and IV are true.
- C. I, III and IV are true.
- D. I and III are true.

Answer: C

Question: 6

According to ISTQB syllabus, characteristics of systems of systems are;

- I . Long duration of projects
- II . Multiple levels of integration
- III . Need for Maintenance Testing
- IV . No formal development lifecycle or milestones.

- A. I, II true, III and IV false.
- B. I, II, III true, IV false.

- C. II, III IV true, I false.
D. All of the above are true.

Answer: B

Question: 7

Which of the following is true about safety critical systems?

- A. System failures could be life threatening.
B. The supplier of the safety critical system is not liable for any damage caused by the system.
C. Testing proves that there are no failures or defects in the system.
D. Traceability to regulatory requirements and compliance is not necessary.

Answer: A

Question: 8

Select the correct statements about safety critical systems;

- I . Risk management reduces the likelihood and / or impact of a risk.
II . Failure Mode and Effect Analysis (FMEA) technique is used mainly for safety critical systems.
III . All safety critical systems are subject to sector specific regulations only.
IV . Full traceability from requirements to evidence is required in some safety critical systems.

- A. I, II, IV true, III false
B. II,III, IV true, I false
C. I, IV true, II, III false
D. All of the above true

Answer: A



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