ASTQB CTAL Practice Questions

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Question 1

Question Type: MultipleChoice

What type of a review meeting is described below?

"You were invited to attend a meeting next week. Meeting moderator included set of metrics and a document to be reviewed along with the meeting agenda. One of the meeting agendas is to find defects in the document sent. You and the other attendees were asked to review the document prior to the meeting".

Options:

A- Informal Review
B- Inspection
C- Walkthrough
D- None of the above

Answer:

B

Question 2

Question Type: MultipleChoice

A car manufacturer is updating its airbag deployment system for its family cars. It has increased the number of airbags from four to nine. This has necessitated an upgrade to the airbag control software (ACS) to allow deployment of the extra airbags where appropriate. The car manufacturer receives information from on-board sensors. From this, it calculates the amount of deployment needed (minimal, medium and full), and from which airbag(s). For this upgrade, it will receive information from extra sensors to be used in its calculations. The car manufacturer employs its own in-house software development team. It uses the V model for its software development. There are four stages of testing, from unit through to factory acceptance testing. The development team is made up of project, programming and test managers. The programmers use object-oriented methods for development. The car manufacturer wishes to be first to market with the extra airbags, which will allow it to increase the safety ratings for its family cars, thereby increasing sales in a very competitive market. Which of the following are risks associated with the use of the V model for this upgrade?

I . The sensors may not be responsive enough in impacts.

II . The manufacturer may not be able to process the information received from the sensors quickly enough.

III . The time required to create the high- and low-level designs may mean that insufficient time can be spent on system testing.

IV . The system may fail factory acceptance testing, necessitating costly rework.

Options:

A- I and II
B- II and III
C- III and IV
D- I and IV

Answer:

C

Question 3

Question Type: MultipleChoice

Which of the following are "white-box" test techniques?

I . Decision Testing

II . Condition Testing

III . LCSAJ (loop testing)

IV . State transition testing

Options:

A- I, II true.III, IV false
B- I, III, IV true, II false
C- I, II, III true, IV false
D- 1- Final state, 2- transition, 3 - event, 4 - state, 5 - Initial state

Answer:

C

Question 4

Question Type: MultipleChoice

Which of the following is NOT a challenge with outsourcing?

Options:

A- Cultural differences
B- Quality
C- Employee turnover
D- Low cost

P2P exams

Answer:

D

Question 5

Question Type: MultipleChoice

According to the ISTQB syllabus, domain testing quality attributes are;

I . Accuracy, Suitability, Interoperability

II . Reliability, Maintainability, Portability

III . Performance, load, Adaptability

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Options:

A- Requirements engineering and software testing are two isolated activities.
B- Testing activities / processes do not have to be aligned to the chosen software development lifecycle model.
C- I and II true. III false
D- I true. II, III false

Answer:

D

Question 6

Question Type: MultipleChoice

A car manufacturer is updating its airbag deployment system for its family cars. It has increased the number of airbags from four to nine. This has necessitated an upgrade to the airbag control software (ACS) to allow deployment of the extra airbags where appropriate. The car manufacturer receives information from on-board sensors. From this, it calculates the amount of deployment needed (minimal, medium and full), and from which airbag(s). For this upgrade, it will receive information from extra sensors to be used in its calculations. The car manufacturer employs its own in-house software development team. It uses the V model for its software development. There are four stages of testing, from unit through to factory acceptance testing. The development team is made up of project, programming and test managers. The programmers use object-oriented methods for development. The car manufacturer wishes to be first to market with the extra airbags, which will allow it to increase the safety ratings for its family cars, thereby increasing sales in a very competitive market. Which of the following is a product risk of the upgrade described?

Options:

A- The extra airbags may restrict the visibility of the driver.
B- The manufacturer may not be awarded its desired safety rating.
C- There may be a need to use modeling tools at unit testing.
D- The ACS may not be able to process the extra sensor data quickly enough, causing incorrect deployment of the airbag(s).

Answer:

D

Question 7

Question Type: MultipleChoice

Select the correct pair from the following Test Tool Categories?

Test Tools Category:

I . Test Management Tool

II . Web Tools

III . Keyword-Driven Test Automation Tools Features of Test Tools Categories:

a. Supports organization of test artifacts

b. Less likely to modify

c. Help to monitor SLA (service Level Agreements) compliance

Options:

A- I-a,II-c,III-b
B- I-b,II-a,III-c
C- I-b,II-c,III-a
D- I-c,II-b,III-a

Answer:

A

Question 8

Question Type: MultipleChoice

Select the correct answer;

I . Verifying "what" the product does is part of functional testing.

II . Usability Testing is a domain/functional testing technique.

III . Inspection, evaluation and reviews are usability test techniques.

IV . Understandability, learnability and attractiveness are attributes of usability

Options:

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

Answer:

D

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