
TTA-1.2.1 K2 Summarize the generic risk factors that the Technical Test Analyst typically needs to consider.

1 The answers are E and G.

- A A security risk.
- B A performance risk.
- C A reliability risk.
- D A resource use risk.
- E An accuracy risk and therefore most likely identified by a Test Analyst.
- F A portability / co-existence risk.
- G A functional / interoperability risk and therefore most likely identified by a Test Analyst.

TTA-1.2.1 K2 Summarize the generic risk factors that the Technical Test Analyst typically needs to consider.

2 The answers are B and F.

- A No – per syllabus ‘Communication problems resulting from the geographical distribution of the development organisation’.
- B Yes – operability is a sub-characteristic of usability and therefore a domain testing quality characteristic.
- C No – per syllabus ‘High change rates of technical requirements’.
- D No – per syllabus ‘Tools and technology’.
- E No – per syllabus ‘Lack of earlier quality assurance’ of a technical testing quality characteristic.
- F Yes – Impact of risks is a concern for Test Analysts.
- G No – per syllabus ‘Complexity of technology’.
- H No – ‘Large number of defects found relating to technical quality characteristics’.

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3 The answer is E.

- A No – per syllabus ‘Reducing risk by executing the most important tests’.
- B No – per syllabus ‘... putting into action appropriate mitigation and contingency activities as stated in the test strategy and test plan’.
- C No – per syllabus ‘Evaluating risks based on additional information gathered as the project unfolds’.
- D No – per syllabus ‘... implement mitigation actions aimed at decreasing the likelihood or impact of the risks’.
- E Yes – Establishing a risk-based testing strategy is the responsibility of the Test Manager.
- F No – per syllabus ‘... implement mitigation actions aimed at decreasing the likelihood or impact of the risks’.

ATT Practice Exam 1 Solutions

TTA-1.2.2	K2	Summarize the activities of the Technical Test Analyst within a risk-based approach for testing activities.
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4 The answer is A.

- A No – per syllabus – ‘The Technical Test Analyst contributes to finding and understanding the potential technical risk for each risk item whereas the Test Analyst contributes to understanding the potential business impact of the problem should it occur.’
- B Yes – per above syllabus extract.
- C Yes – per syllabus ‘implement mitigation actions aimed at decreasing the likelihood or impact of the risks previously identified and analysed’.
- D Yes – per syllabus ‘the Technical Test Analysts work closely with their technical peers to determine the areas of technical risk (which would include security).

TTA-1.2.2	K2	Summarize the activities of the Technical Test Analyst within a risk-based approach for testing activities.
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5 The answers are A and D.

The syllabus states: ‘Technical Test Analysts ... are particularly well suited for conducting expert interviews, brainstorming with co-workers and also analysing the current and past experiences ...’.

TTA-1.2.2	K2	Summarize the activities of the Technical Test Analyst within a risk-based approach for testing activities.
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6 The answer is D.

The syllabus states: ‘the Technical Test Analyst establishes the levels of risk according to the guidelines established by the Test Manager’.