

Exam Questions 2

Grupp B

[Lau 7] 1 Problem

Proposition: In an open metric requirement the customer has specified how the requirement is to be fulfilled.

Reason: The supplier estimates the time it takes to implement the requirement and rank its importance.

Correct Answer: E: Both the proposition and the reason are false.

Motivation: An open metric requirement asks the supplier how he fulfills the requirement

Reference: 7.4 sida 305

Learning objective: 1.1.1 , 1.1.2, 1.3.4

Main responsible: Aleksandar Simeunovic

[Lau 6, QUPER] 2 Problems

Proposition: Mock-ups are good to use to verify quality requirements.

Mock-ups är bra för att verifiera kvalitetskrav

Reason: The mock-up gives a true picture of how the final product will work.

Mock-ups ger en sann bild på hur slutprodukten kommer att fungera i slutändan.

Correct Answer: E (Påståendet är felaktigt, och anledningen är ett felaktigt uttalande)

Motivation: Både påståendet och anledningen är falska, då mock-ups inte representerar snabbhet alls, och möjligtvis inte ens färg. Det blir omöjligt att verifiera vissa funktioner då.

Reference: Lau:6 pp. 260

Learning objective: 1.1.1, 1.2.1, 1.3.1

Main responsible: Sebastian Karabeleski

Proposition: Usability tests need a functional system to perform the test on.

Reason: Usability test is something you use at the end of development to prove that the system is user friendly.

Correct Answer: E (Påståendet är felaktigt, och anledningen är ett felaktigt uttalande)

Motivation: A mockup or a screen is enough to perform the test on and it's good to have it early in the development to find any problems the user may have before you develop too much. These are common misunderstandings about usability tests.

Reference: Lau:6 sida 252-253

Learning objective: 1.1.3

Main responsible: Amelia Andersson

Proposition: Validation is to be done by an unfamiliar user to the system in order to validate that the task is implemented in a user friendly way.

Reason: Notes are taken if there are any problems during the validation. The user checks that the steps looks correct in the tasks description.

Correct Answer: D: The proposition is false, but the reason is a true statement.

Motivation: The user is to be an expert user and it has nothing to do about being user friendly

Reference: 9.3.2 sida 393

Learning objective: 1.2.7

Main responsible: Björn Gardshol

Proposition: Stakeholders play an important role in release planning.

Reason: In release planning the stakeholders gather to decide what features shall be included in the next release.

Correct Answer: C: The proposition is true, but the reason is false.

Motivation: The proposition is true because the stakeholders prioritize the features according to what they want in the next release. The reason is false because they don't decide which features that shall be in the release, they only give their opinion.

Reference: RP 49-51, PRIO 81

Learning objective: 1.1.1, 1.1.4, 1.2.5

Main responsible: Alexander Arcombe

[INTDEP] 1 Problem

Proposition: Using object oriented design in the code base is advantageous when planning incremental releases in market driven software.

Reason: Structured & object oriented design increases modularity and encapsulation, which in turn increases the likelihood of low coupling.

Correct Answer: A: Both the proposition and the reason are correct statements, AND the reason explains the proposition in a correct way.

Motivation: Software with lower coupling means less interdependencies between code chunks/partitions, which makes release planning easier.

Reference: INTDEP 3.5

Learning objective: 1.1.7

Main responsible: Kwame Sakwanda