Quiz **Quiz 1**

Opens at: Jan 5, 2024, 12:00   Due on: Jan 11, 2024, 23:59

Total Score	5

Q1. Which of the following circumstances would suggest the use of an agile software process?

Score: 1   Neg. Score: 0

    The system is safety-critical and required exhaustive validation

✔ It is important to enter the market as soon as possible to avoid competition   (Your answer)

✔ The customer is willing to be involved in the development process   (Your answer)

✔ The requirement specifications are not very clear before developing some preliminary version of the system   (Your answer)

Your Score: 1

Q2. Extreme Programming refers to which of the following?

Score: 1   Neg. Score: 0

    A programming language

✔ A process model   (Your answer)

    A design extraction method

    A testing method

Your Score: 1

Q3. If a set of functional requirements is NOT consistent, which of the following is/are true?

Score: 1   Neg. Score: 0

    There exists at least one service required by the user which is not included in the set of functional requirements

    The set of functional requirements includes at least one requirement which is not needed by the user

✔ There exits at least two requirements that contradict each other   (Your answer)

    The description of requirements uses some words that are hard to comprehend by the development team

Your Score: 1

The software controller must ensure that the vehicle obeys the traffic signals

The control software should be able to detect a pedestrian crossing the road and stop the vehicle to avoid an accident

✔ The memory requirement for the software should not be more than 100 MB   (Your answer)

✔ The software needs to be certified according to ISO26262 standard   (Your answer)

Your Score: 1

Q5. Which of the following could be unacceptable in natural language specifications?

Score: 1   Neg. Score: 0

✔ Domain specific jargons   (Your answer)

✔ Non-standard Abbreviations   (Your answer)

Rationale behind the requirement

Use of any language other than English

Your Score: 1

Q6. Which of the following information are available from a use case digram?

Score: 1   Neg. Score: 0

✔ The actors involved in some interactions with the system   (Your answer)

✔ The name of the interactions   (Your answer)

The data transmission involved in the interactions   (Your answer)

The non-functional requirements related to the interaction, for example, the time required for an interaction

Your Score: 0