CERTTREE

QUESTION & ANSWER

Exam : **IREB**

Title : IREB Certified Professional
for Requirements
Engineering

Version : Demo

1.You are project manager for a system that your company is creating for the military in the field of logistics. A requirements engineer has been assigned to your project but does not have all the desirable skills for this role.

In respect to the attributes of the requirements engineer, which of the following statements implies the greatest risk for the requirements engineering? (1 Point)

A. The requirements engineer is not familiar with the military ranks and so cannot deal adequately with the hierarchical sensitivities.

B. The requirements engineer does not have detailed knowledge of the military norms and standards that should be applied to the system.

C. The requirements engineer has no solid project management training.

D. The requirements engineer is introverted and has no knowledge of requirements elicitation and documentation.

Answer: D

2.Which of the following statements best characterizes the relationship between a requirements engineer and a stakeholder in the role of a tester.? (1 Point)

A. The requirements engineer delivers input for the work of the stakeholder.

B. The output from the requirements engineer is managed by the stakeholder.

C. The stakeholder delivers input for the requirements engineer.

D. The stakeholder monitors the work of the requirements engineer.

E. The work of the requirements engineer is not related to the role of the stakeholder.

Answer: A

3.Which sentence best characterises the term "stakeholder"? (1 Point)

A. The external actors interacting with a system and the technical interfaces to surrounding systems are designated as stakeholders.

B. Stakeholders are persons and organisations affected by the development and the use of the system or of the product.

C. Stakeholders are special interest representatives who are responsible for the approval of the first project phase.

D. A stakeholder is responsible for the administration of the software development environment.

Answer: B

4.You are assigned to carry out and document a system and context delimitation for a software system that is to be developed.

What diagram is least suited for the representation of the delimitation? (1 Point)

A. Class diagram

B. Use case diagram

C. Statediagram

D. Context diagram with data flows

Answer: C

5.According to the Kano model, there is a particular category of system attributes that has an almost linear relationship between satisfaction and degree of compliance.

For which category is this so? (1 Point)

A. Basic attributes

B. Performance attributes

C. Excitement attributes

D. Needs

E. Goals

Answer: B

6.As part of the "UniKasso" project, the "CRETIL" company is standardising the payment methods for all customers. The requirements specification has been created and the first release is currently being implemented. This week, the management has decided to include the implementation of the "credit card" mode of payment in the first release and to shift the "direct debit" mode of payment to the second release. The test manager receives the order to adjust the test planning accordingly.

Which particular characteristic of the requirements will facilitate the work of the test manager significantly in this respect? (1 Point)

A. Coherence

B. Testability

C. Flexibility

D. Stability

E. Traceability

Answer: E

7.Starting from an informal and unstructured description of the facts, semiformal description techniques attempt to take a step in the direction of formality, for example to prevent misunderstandings. One of the semiformal description techniques is the sentence-template.
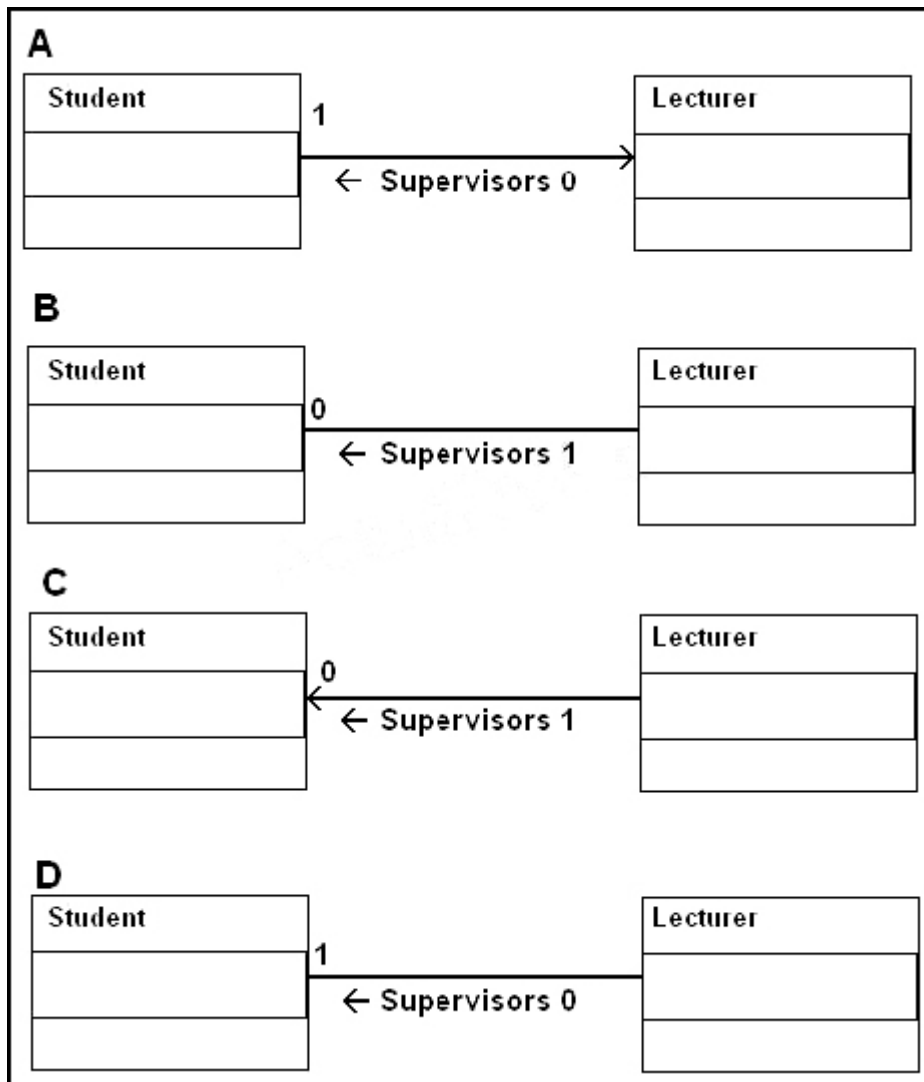
What is the most precise definition of a sentence-template as used for requirements? (1 Point)

A. A sentence-template is a blueprint for a requirement.

B. A sentence-template is a blueprint for the semantic filling of the individual requirement elements.

C. A sentence-template is a blueprint for the syntax and semantics of a requirement.

D. A sentence-template is a blueprint for the syntactical structure of an individual requirement.

Answer: D

8.At a technical college, each student is supervised by a lecturer. Some lecturers supervise several students, some none.

Which of the following class diagrams best shows this student-lecturer relationship? (2 Points)

A. Option A
B. Option B
C. Option C
D. Option D
Answer: B

9.You model invoices and invoice items with a UML class diagram. The total amount of an invoice is calculated by summing up all individual invoice items. This means that an invoice showing 5 article prices contains 5 invoice items.
What model element most accurately describes the relationship between invoice and invoice items? (1 Point)
A. Composition
B. Aggregation
C. Generalisation
D. Association
Answer: A

10.You carry out modelling of requirements with a use case diagram.

Which answer best describes its prospective modelling elements? (1 Point)

A. Objects, activities and associations

B. Actors, messages and activities

C. Objects, use cases and activities

D. Actors, use cases and associations

Answer: D