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Grade	**10.00** out of 10.00 (**100**%)

Question 1

Complete

Mark 1.00 out of 1.00

Choose the best answer about software requirements

Select one:

- ○ a.   Software requirements may be the basis for a bid for a contract - open to interpretation; or the basis for the contract itself - defined in detail.
- ○ b.   Software requirements are descriptions of system services and constraints on software development and operation.
- ◉ c.   All the other answers are correct.
- ○ d.   Software requirements may range from a high-level abstract statement of a service/constraint to a detailed mathematical functional specification.

Question 2

Complete

Mark 1.00 out of 1.00

Functional vs. Non-functional requirements?

Select one:

- ○ a.   There is no relationship between them.
- ○ b.   All the other answers are correct.
- ○ c.   A functional requirement shall be together with some non-functional requirements. and vise versa.
- ◉ d.   Some non-functional requirements may requires some related functional requirements.

Question 3

Complete

Mark 1.00 out of 1.00

Which is the best answer for functional requirements?

Select one:

- ○ a. Describe functionalities or system services
- ○ b. Always in natural languages
- ○ c. Are classified into service, operation, method and auxiliary function
- ○ d. All the other answers are correct.

Question 4

Complete

Mark 1.00 out of 1.00

Which of the followings are NOT non-functional requirement categories?

Select one:

- ○ a. All the other answers are correct.
- ● b. Intermodule Relationship, Cost/Price, Deadline
- ○ c. Performance, Environmental, Operational, Regulatory, Safety
- ○ d. Usability, Efficiency, Dependability, Security

Question 5

Complete

Mark 1.00 out of 1.00

Feedbacks from students about the course registration software are as follows. (1) Software should response immediately in searching schedules; (2) Software should check and answer immediately the result of a registration. Which of the following opinion of the development team is correct?

Select one:

- ○ a. Only care about the second statement as it is a non-functional requirement.
- ● b. Have to care both statements because they are all (functional/non-functional) requirements.
- ○ c. None of the other opinions is correct.
- ○ d. Students have no responsibility to feedback.

Question 6

Complete

Mark 1.00 out of 1.00

The followings are requirements for a course registering software: (1) Students shall search the course schedules; (2) The system should be operated around the clock and 7 days a week (24/7 mode) in the registration periods;(3) The confirmation of the the registration is sent to the student immediately;(4) Office staffs can add new schedule for a course. In order from 1 to 4, which requirement is functional (F) or non-functional requirement (NF)?

Select one:

- ○ a.   NF-NF-NF-NF
- ○ b.   F-F-F-F.
- ○ c.   F-NF-F-NF.
- ● d.   F-NF-NF-F.

Question 7

Complete

Mark 1.00 out of 1.00

Choose the best answer about functional and non-functional requirements.

Select one:

- ○ a.   Functional and Non-functional requirements are all requirements from the customers.
- ○ b.   Non-functional requirements are constraints on software and/or software development.
- ○ c.   Functional requirements are descriptions of system services.
- ● d.   All the other answers are correct.

Question 8

Complete

Mark 1.00 out of 1.00

Which is the best answer for non-functional requirements?

Select one:

- ○ a.   Define system properties and constraints such as reliability, response time and storage requirements.
- ○ b.   Are classified into product, organization and external categories.
- ○ c.   A single non-functional requirement may generate a number of related functional requirements.
- ● d.   All the other answers are correct.

Question **9**

Complete

Mark 1.00 out of 1.00

Who may be your stakeholders?

Select one:

○ a.   All the other answers are correct.

○ b.   External stakeholders

○ c.   End users

○ d.   System managers

Question **10**

Complete

Mark 1.00 out of 1.00

User Requirement vs. System Requirement?

Select one:

○ a.   User Requirements are requirements from customers (user interface, services, ...), System Requirements are requirements from the system (computer, network, environment, ...).

○ b.   User Requirements are requirements from the leaders (management functions), System Requirements are requirements from the system managers (computer, network, server, installation, ...).

○ c.   All the other answers are correct.

● d.   User Requirements are general requirements from customers (both functional and non-functional requirements), System Requirements are specific requirements from customers (details of services/functional requirements, details of non-functional requirements).

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