

Status Finished**Started** Thursday, 12 September 2024, 8:06 PM**Completed** Thursday, 12 September 2024, 8:13 PM**Duration** 7 mins 23 secs**Grade** 10.00 out of 10.00 (100%)**Question 1**

Correct

Mark 1.00 out of 1.00

Which is the best answer for functional requirements?

Select one:

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

Correct

Marks for this submission: 1.00/1.00.

Question 2

Correct

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. All the other answers are correct.
- ☒ c. 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).
- ☐ d. User Requirements are requirements from the leaders (management functions), System Requirements are requirements from the system managers (computer, network, server, installation, ...).

Correct

Marks for this submission: 1.00/1.00.

Question 3

Correct

Mark 1.00 out of 1.00

Which is the best answer for non-functional requirements?

Select one:

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

Correct

Marks for this submission: 1.00/1.00.

Question 4

Correct

Mark 1.00 out of 1.00

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

Select one:

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

Correct

Marks for this submission: 1.00/1.00.

Question 5

Correct

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

Correct

Marks for this submission: 1.00/1.00.

Question 6

Correct

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. F-NF-F-NF.
- ☐ b. F-F-F-F.
- ☒ c. F-NF-NF-F.
- ☐ d. NF-NF-NF-NF

Correct

Marks for this submission: 1.00/1.00.

Question 7

Correct

Mark 1.00 out of 1.00

Who may be your stakeholders?

Select one:

- ☒ a. All the other answers are correct.
- ☐ b. End users
- ☐ c. System managers
- ☐ d. External stakeholders

Correct

Marks for this submission: 1.00/1.00.

Question 8

Correct

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 may range from a high-level abstract statement of a service/constraint to a detailed mathematical functional specification.
- ☒ c. All the other answers are correct.
- ☐ d. Software requirements are descriptions of system services and constraints on software development and operation.

Correct

Marks for this submission: 1.00/1.00.

Question 9

Correct

Mark 1.00 out of 1.00

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

Select one:

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

Correct

Marks for this submission: 1.00/1.00.

Question 10

Correct

Mark 1.00 out of 1.00

Functional vs. Non-functional requirements?

Select one:

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

Correct

Marks for this submission: 1.00/1.00.