Module 4 - Quiz

- Due Sep 23 at 11:59pm
- Points 100
- Questions 10
- Time Limit 30 Minutes
- Allowed Attempts 2

Instructions

The purpose of this quiz is to check your understanding of and reinforce key concepts covered in this module.

Take the Quiz Again

Attempt History

	Attempt	Time	Score
LATEST	**Attempt 1**	21 minutes	96.67 out of 100

ⓘ Correct answers are hidden.

Score for this attempt: 96.67 out of 100
Submitted Sep 21 at 9:52pm
This attempt took 21 minutes.

Question 1

10 / 10 pts

Which of the following types of requirements typically has business rules associated with it?

○ Non-functional requirements

○ Performance requirements

◉ Functional requirements

○ Capacity requirements

Question 2

10 / 10 pts

A functional requirement is different than a non-functional requirement because it is a condition or constraint that a product must satisfy.

○ True

◉ False

Question 3

10 / 10 pts

Which of the following distinguishes a use case approach to requirements from a traditional (i.e., non-use case) approach?

- ◉ A use case typically documents more than one functional requirement and tells a story.
- ○ Use cases document functional requirements.
- ○ Use cases document non-functional requirements.
- ○ None of the above.

Question 4

10 / 10 pts

Which of the following statements is not true?

- ○ Requirements defects contribute significantly to project rework.
- ○ The requirements phase can be a significant source of defects.
- ◉ Project cost and schedule can be reduced by minimizing time spent in the requirements phase.
- ○ Different stakeholders will have different expectations regarding what a requirement is.

PartialQuestion 5

6.67 / 10 pts

Which of the following would be considered to be requirements engineering activities? (select all that apply)

- ☑ Allocating requirements to software
- ☑ Documenting requirements
- ☑ Managing requirements changes
- ☑ Eliciting requirements information

Question 6

10 / 10 pts

Which of the following work products would typically identify project stakeholders?

- ○ Functional requirements document
- ◉ Vision document
- ○ Supplementary specification
- ○ All of the above

Question 7

10 / 10 pts

Failure to use a common definition of what a requirement is one of the drivers that lead to unleveled stakeholder expectations.

◉ True

○ False

⠿

Question 8

10 / 10 pts

When systems engineering is performed to allocate system-level functions to software, the design activity in the software engineering process is ready to begin.

○ True

◉ False

⠿

Question 9

10 / 10 pts

Two categories of defects account for 80 percent of all requirements defects. Which of the following are not these categories? (select all that apply)

☑ Ambiguity

☐ Incompleteness

☑ Infeasibility

☐ Incorrectness

⠿

Question 10

10 / 10 pts

Which of the following are typically used in the systems engineering process to determine how to allocate system-level requirements to subsystem components? (select all that apply)

☑ Multi-criteria decision analysis

☑ Determination of relevant drivers

☑ Pugh decision matrix

☑ Weighted scoring techniques

Quiz Score: 96.67 out of 100