Question **1**

Not yet answered

Marked out of 1.00

Which of following paradigms are the three most general paradigms of software development ?

Select one or more:

- [ ] a. Waterfall approach
- [ ] b. Iterative development
- [ ] c. Spiral model
- [ ] d. Reuse-oriented software engineering

Question **2**

Not yet answered

Marked out of 1.00

What are the four most fundamental activities that are common to all software processes ?

Select one or more:

- [ ] a. Software validation
- [ ] b. Software evolution
- [ ] c. Software design and implementation
- [ ] d. Software specification
- [ ] e. Software deployment
- [ ] f. Software testing

Question **3**

Not yet answered

Marked out of 1.00

The spiral model of software development

Select one:

- ( ) a. Ends with the delivery of the software product
- ( ) b. Is more chaotic than the incremental model
- ( ) c. Includes project risks evaluation during each iteration

Question **4**

Not yet answered

Marked out of 1.00

What are the four development stages in Reuse-oriented SE ?

Select one or more:

- [ ] a. Prototype development
- [ ] b. Component analysis
- [ ] c. Requirement analysis
- [ ] d. System design with reuse
- [ ] e. Development and integration
- [ ] f. Requirements modification

Question **5**

Not yet answered

Marked out of 1.00

What are the four advantages of using incremental development and delivery ?

Select one or more:

- [ ] a. Early increments serve as prototypes to explore requirements
- [ ] b. Reducing the amount of software to be developed and so reducing cost and risks.
- [ ] c. Early delivery of critical functionality to customer
- [ ] d. More extensive testing of critical customer functionality
- [ ] e. Lower risk of overall project failure
- [ ] f. Systems are often have good structures

Question **6**

Not yet answered

Marked out of 1.00

What are the 4 sectors in each loop in Boehm’s spiral model ?

Select one or more:

- [x] a. Risk assessment and reduction
- [x] b. Planning
- [x] c. Objective setting
- [ ] d. System design
- [ ] e. Specification
- [x] f. Development and validation

Question **7**

Not yet answered

Marked out of 1.00

What are the principal requirements engineering activities ?

Select one or more:

- [x] a. Requirements elicitation and analysis
- [x] b. Feasibility study
- [ ] c. Requirement tracing
- [x] d. Requirement validation
- [ ] e. Requirement capture
- [x] f. Requirement specification

Question **8**

Not yet answered

Marked out of 1.00

The prototyping model of software development is

Select one:

- ( ) a. A risky model that rarely produces a meaningful product
- ( ) b. The best approach to use for projects with large development teams
- (•) c. A useful approach when a customer cannot define requirements clearly
- ( ) d. A reasonable approach when requirements are well defined

Question **9**

Not yet answered

Marked out of 1.00

What are the three important stages in the testing process?

Select one:

- ( ) a. Component (or unit) testing, security testing, acceptant testing
- (•) b. Component (or unit) testing, integration testing, acceptant testing
- ( ) c. Component (or unit) testing, integration testing, performance testing

Question **10**

Not yet answered

Marked out of 1.00

List the 3 fundamental software process frameworks that are used to create specific software processes?

Select one or more:

- [ ] a. Spiral model
- [x] b. The Waterfall model
- [x] c. Component – based software engineering
- [x] d. Incremental development
- [ ] e. Scrum Model

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