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Module 2 Assessment (Graded)

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1. The Waterfall software process model has phases, each of which results in _____ being passed to the next phase? 1 / 1 point

- ☒ an approved work product
- ☐ water
- ☐ software requirements
- ☐ working software



Correct

Correct answer. A work product of some kind, depending on the phase, is approved and passed on to the next phase.

2. In the Waterfall software process model, what phase or kinds of activities would happen right after the product has been implemented? 1 / 1 point

- ☐ Specification
- ☐ Maintenance
- ☒ Verification and validation
- ☐ Design



Correct

Correct answer. After the product has been implemented, the next phase involves testing activities, which is in the verification and validation phase.

3. What major activities does the V software process model explicitly emphasize at multiple levels? 1 / 1 point

- ☐ Project management
- ☐ Specification
- ☒ Verification
- ☐ Implementation



Correct

Correct answer. The V-model explicitly emphasizes verification activities at multiple levels.

4. In the Spiral software process model, each iteration begins in which quadrant or phase? 1 / 1 point

- ☐ Develop and test
- ☒ Determine objectives
- ☐ Identify and resolve risks
- ☐ Plan the next iteration



Correct

Correct answer. Each iteration begins in a quadrant or phase to determine the objectives of the iteration.

5. The Unified software process model is parallel because of which of the following reason? 1 / 1 point

- ☒ Activities can happen in parallel within a phase and across phases.
- ☐ The cycles can happen in parallel.
- ☐ The phases can happen in parallel.
- ☐ The iterations can happen in parallel.



Correct

This is a correct answer because activities (e.g., analyzing requirements, designing the architecture, creating tests) can happen in parallel within a phase.

6. In the Unified software process model, what are the phases in each cycle, in the correct order? 1 / 1 point
- ☐ Initiation, planning, implementation, closure
 - ☐ Inception, development, testing, evolution
 - ☒ Inception, elaboration, construction, transition
 - ☐ Specification, design and implementation, verification and validation, transition



Correct

Correct answer. This is the correct order for the phases in the Unified process model.

7. From the course, an early hand-drawn sketch of a product's user interface is what kind of prototype? 1 / 1 point

- ☐ Exploratory
- ☐ Throwaway
- ☒ Illustrative
- ☐ Preliminary



Correct

Correct answer. A early hand-drawn sketch of a product's user interface is an illustrative prototype.

8. What does the Microsoft Daily Build enable each day for a software product? (Choose three correct answers)

- ☐ Microsoft uses a practice called continuous installation.
- ☒ Software that is integrated and tested to catch issues early.



Correct

This is a correct answer because the Microsoft Daily Build mainly aims to have software that is integrated and tested to catch issues early.

- ☒ Developer morale is kept up.



Correct

This is a correct answer because the Microsoft Daily Build keeps developers in sync, so that the software works together, which is good for their morale.



Results of automatic overnight testing are presented next day.



Correct

This is a correct answer because the Microsoft Daily Build leads to automatic overnight testing, where the results are presented next day.