Assignment 1

Due on 2018-04-18, 09:00 IST.

Week 0: Assignment 1

1. Which of the following is not a cause of software defects?
   a. Software components have grown rapidly over time.
   b. Programmers/designers have not kept up with the increase in software sizes and complexity.
   c. Software environments have changed rapidly over time.
   d. Software testing is not done properly.

2. Which of the following is not a possible reason for the evolution, size, and cost required to develop a program to increase its performance with the size of the program, while maintaining the same size of development?
   a. Programmers use languages that support code reuse.
   b. Programmers lack competence in effectively using the build and fix iteration.
   c. Programmers are able to use abstraction and decomposition techniques in a very limited way while using the build and fix technique.
   d. Programmers like to use runtime test cases as an alternative to build and fix.

3. Which of the following is not a cause of software risks?
   a. Increased development cost.
   b. Increased development time.
   c. Decreased program maintainability.
   d. Increased document maintenance.

4. Which of the following factors are generally responsible for the implementation complexity of a software development problem to be different from that at actual complexity?
   a. Software maintenance.
   b. Software consumption.
   c. Outsourced software development.
   d. Software product development.

5. Which of the following can be considered as an application of vehicle use of the following techniques?
   b. Aggregation.
   c. Composition.
   d. Iteration.

6. Which of the following is not a cause of software risks?
   a. Software changes are not necessary.
   b. Software changes are necessary.
   c. Software changes are not required.
   d. Software changes are not made.

7. When testing is being considered as an application of vehicle use of the following techniques?
   a. Iteration.
   b. Composition.
   c. Aggregation.
   d. Nesting.

8. Which of the following is not a cause of software risks?
   a. Software changes are not necessary.
   b. Software changes are necessary.
   c. Software changes are not required.
   d. Software changes are not made.

9. A graphical user interface (GUI) provides all of the following except:
   a. Consistency.
   b. Aesthetic.
   c. Simplicity.
   d. Efficiency.

10. Which of the following is not a cause of software risks?
    a. Software changes are not necessary.
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