Assignment 5

Due on 2019-08-04, 23:59 IST.

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

1) Which one of the following is an example of agile project?
   a. An accounting system development project
   b. A compiler writing project
   c. An operating system development project
   d. A real-time database system development project
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   a. An accounting system development project

2) Which one of the following statements is true of the COCOMO model?
   a. Cost is considered to be the most fundamental attribute of a software project, based on which the project size and duration are measured.
   b. Size is considered to be the most fundamental attribute of a software project, based on which the project cost and duration are measured.
   c. Effort is considered to be the most fundamental attribute of a software project, based on which the project size and cost are measured.
   d. Duration is considered to be the most fundamental attribute of a software project, based on which the project size and effort are measured.
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   b. Size is considered to be the most fundamental attribute of a software project, based on which the project cost and duration are measured.

3) In simplified COCOMO, if modern programming practices are used, than the initial cost and effort estimates obtained by the basic COCOMO, are
   a. scaled downward
   b. scaled upward
   c. remain unchanged
   d. none of the above
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   a. scaled downward

4) Which one of the following COCOMO estimation models considers the project as a collection of heterogeneous sub-systems?
   a. Basic COCOMO
   b. Intermediate COCOMO
   c. Detailed (Complete) COCOMO
   d. all of the above
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   d. all of the above

5) Early design model of COCOMO II would be used
   a. when software is composed from existing parts
   b. when requirements are available, but design has not yet started
   c. to compute the effort of integrating reusable components
   d. new system architecture has been designed and more information about the system is available
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   d. new system architecture has been designed and more information about the system is available

6) In COCOMO II, the scale factorบริหารความร่วมมือเริ่มกิจกรรม (FFP) refers to
   a. the degree to which there are past examples that can be compared
   b. the degree of feasibility that exists when implementing the project
   c. the degree of uncertainty about requirements
   d. none of the above
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   a. the degree to which there are past examples that can be compared

7) In mature software science, higher the level of a language,
   a. the less effort it takes to develop a program using that language.
   b. the more effort it takes to develop a program using that language.
   c. the same effort it takes to develop a program using that language
   d. none of the above
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   a. the less effort it takes to develop a program using that language.

8) Suppose the development time of a large software project has been estimated to be one and half year. Thus in order to develop the product in nine months, what will be the total increase in development effort? (Use Putnam’s model).
   a. 3 times
   b. 4 times
   c. 8 times
   d. 10 times
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   b. 4 times

9) Basili observed that “there is a first beyond which the schedule of a software project cannot be reduced by buying more personnel or equipment.” This first occurs roughly at
   a. 30% of the normal time estimate
   b. 50% of the normal time estimate
   c. 75% of the normal time estimate
   d. 90% of the normal time estimate
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   b. 50% of the normal time estimate