#### 

Creation and refinement of use cases is an important part of secnario based scheduling.

True\*\*\*\*\*\*\*\*\*\*\*\*\*

False

By collecting software metrics and making use of existing software reliability models it is possible to develop meaningful guidelines for determining when software testing is done.

True \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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The control specification represents the system behavior using UML sequence and state diagram

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False

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a. It is really not necessary unless the project is extremely complex

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Which of the following is not one of the five design class types?

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Which of the following need to be assessed during unit testing?

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#### 

The result of the requirements engineering task is an analysis model that defines which of the following problem domain?

a. Information

b. Functional

c. Behavioral

d. All of the above \*\*\*\*\*\*\*\*\*\*\*\*\*\*

Which of the following is the characteristics of testable software?

a. Observability

b. Simplicity

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Software reliability problems can almost always be traced to

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Which of these are objectives of Team software process? (*mutiple answers)*

Select one or more:

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b. Allow better time management by highly trained professionals \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. Build self directed software teams \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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a. Configuration Management \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

b. Functional component representation

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#### 

The elements of software quality assurance consists of reviews, audits, and testing.

Select one:

True

False\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Which of the following is not an example of data restructuring?

Select one:

a. Data Analysis \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

b. Data name rationalization

c. Data name standardization

d. None of the above

#### 

Top down integration testing has as its major advantage (s) that

a. low level modules never need testing

b. Major decision points are tested early \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. No drivers need to be written\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. No stubs need to be written

#### 

Which of these are critical practices for performance based project management?

a. Assessing product usability

b. Defect tracking against quality targets \*\*\*\*\*\*\*\*\*\*\*\*\*

c. Empirical cost estimation \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. Formal risk management \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

#### 

#### 

#### 

#### 

Software processes can be contructed out of pre-existing software patterns to best meet the needs of a software project.

Select one:

True \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

False

#### 

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Which design model is equivalent to a set of detailed drawings for each room in a house?

Select one:

a. Architectural Design

b. Component level design \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. Data design

d. Interface design

#### 

The cost benefits derived from reengineering are realized largely due to decreased maintenance and support costs for the new software product.

True \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

False

#### 

Smoke testing might best be described as

a. Bulletproofing shrink wrapped software

b. Rolling integration testing\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. Testing that hides implementation errors

d. Unit testing for small programs

#### 

Which of these are valid reasons for measuring software processes, products, and resources?

Note: this has multiple answers

Select one or more:

a. To characterize them\*\*\*\*\*\*\*\*\*\*\*\*

b. To evaluate them \*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. To price them

d. To improve them \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Which of the following activities is not part of the software reengineering process model?

Select one:

a. Foward engineering

b. Invenroty analysis

c. Prototyping\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. Reverse Engineering

#### 

The architectural style encompasses which of the following elements?

Note: This has multiple answers.

Select one or more:

a. Constraints \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

b. Set of components \*\*\*\*\*\*\*\*\*\*\*\*\*

c. Semantic Models \*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. Syntactic Models

#### 

Software reengineering process model includes restructuring activities for which of the following work items?

a. Code \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

b. Documentation \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. Data \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. None of the above

#### 

#### 

Software quality might be defined as conformance to explicitly stated requirements and standards, nothing more and nothing less.

Select one:

True

False\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

A stakeholder is anyone who will purchase the completed software system under development.

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

The essesnce of software engineering practice might be describe as :

Undestand the problem, plan a solution, carry out the plan, and examine the result for accuracy.

True \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

False

#### 

Which of the following are areas of concern in the design model?

a. Architecture \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

b. Data \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. Interfaces \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. Project Scope

#### 

How does a software project manager need to act to minimize the risk of software failure?

a. Double the project team size

b. Request a large budget

c. Start on the right foot \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. Track progress \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Software is a product and can be manufacturedd using the same technologies used for other engineering artifacts

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

High coupling among modules makes it

a. Difficult to understand and maintain the product

b. Difficult to implement and debug

c. Expensive to develop the product as the modules having high coupling cannot be developed independently

d. All of the above \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

#### 

Regression testing should be normal part of integration testing because as a new module is added to the system new.

a. Control logic is invoked \*\*\*\*\*\*\*\*\*\*\*\*\*

b. Data flow paths are established \*\*\*\*\*\*\*\*\*\*\*\*\*

c. Drivers require testing

d. None of these

#### 

#### 

WHAT THE FUCK????? no question Select one:

a. Architectural design elements

b. Component Level design elements

c. Data Design elements\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. Interface design elements

#### 

#### 

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d. No stubs need to be written

#### 

Process technology tools allow software organizations to compress schedules by skipping unimportant activities.

True\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

False

#### 

In general software only succeeds if its behavious is consistent with the objectives of its designers.

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Since modularity is an important desing goal it is not possible to have too many modules in a proposed design

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Software deteriorates rather than wears out because

a. Software suffers from exposure to hostile enviornments

b. Defects are more likely to arise after software has been used often

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a. Errors in accuracy

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d. Errors in operation

#### 

#### 

Which of these software characteristics is not a factor contributing to project coordination difficulties?

Select one:

a. Interoperability

b. Performance \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. Scale

d. Uncertainity

#### 

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#### 

#### 

Which of the following is the characteristics of testable software?

Select one:

a. Observability

b. Simplicity

c. Stability

d. All of these \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Prototyping life cycle model is the most suitable one for undertaking a software development project susceptible to schedule slippage.

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Spiral life cycle model is not suitable for products that are vulnerable to large number of risks.

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

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Note: This has multiple answers

Select one or more:

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c. Unit testing \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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#### 

The control specification represents the system behavior using UML sequence and state diagrams.

Select one:

True\*\*\*\*\*\*\*\*\*\*\*\*

False

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True

False \*\*\*\*\*\*\*\*\*\*\*\*

#### 

Which of these are critical practices for performance based project management?

a. Assessing product usability

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a. Constraints \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

b. Set of components \*\*\*\*\*\*\*\*\*\*\*\*\*

c. Semantic Models\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. Syntactic Models

#### 

UML activity diagram are useful in representing which analysis model elements?

Select one:

a. Behavioral elements

b. Class based elements

c. Flow based elements

d. Scenatio based elements. \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

#### 

Reengineering client/server systems begins with a thorough analysis of the business environment that encomapasses the existing computing system.

Select one:

True \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

False

#### 

Which of the following is not an example of infrastructure components that may need to be integrated into the software acrhitecture?

Select one:

a. Communication Component

b. Database components

c. Interface components\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. Memory management components

#### 

Effective software project management focuses on

Select one:

a. People, performance, payoff, product

b. People, product, performance, process

c. People, product, process, project\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. People, process, payoff, product

#### 

#### 

Product and process decomposition occurs simultaneosly as the project plan evolves

Select one:

True \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

False

#### 

The UML sequence diagram show the order in which system events are processed.

Select one:

True

False\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Which of the follwoing problems can be considered to be contributing to the present software crisis?

*(This has multiple answers)*

Select one or more:

a. Large problem Size \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

b. Lack of rapid progress of software engineering \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. Lack of intelligent engineering

d. Shortage of skilled manpower \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

#### 

Black box testing attempts to find errors in which of the following categories

Select one:

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The first step in project planning is to

Select one:

a. Determine the budget

b. Select a team organizational model

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#### 

#### 

Which of the following in not a characteristic common to all design methods?

Select one:

a. Configuration Management \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

b. Functional component representation

c. Quality assessment guidelines

d. Refinement heuristics

#### 

Which of the following are recongnized process flow types? *(This has multiples correct answers)*

Select one or more:

a. Concurrent Process Flow \*\*\*\*\*\*\*\*\*

b. Iterative Process Flow

c. Linear Process Flow \*\*\*\*\*\*\*\*\*\*\*\*\*

d. Spiral Process Flow

#### 

Which of these benefits can be achieved when software is restructured?

Note: This has multiple answers

Select one or more:

a. Higher quality progams \*\*\*\*\*\*\*\*\*\*\*\*\*\*

b. Reduced maintenance effort \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. Software easier to test \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. None of the above

#### 

Which of the following is NOT an element of a requirement model?

Select one:

a. Behavioral elements

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#### 

#### 

#### 

Which factors should be considered in choosing the organizational structure for a software team?

Note: this has multiple answers

Select one or more:

a. Degree of communication desired \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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c. Unit testing \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. Validation testing \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Which of the follwoing is not one of the context free questions that would be used during project inception?

Select one:

a. What will be the economic benefit from a good solution?

b. Who is behind the request for work?

c. Who will pay for the work? \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. Who will use the solution?

#### 

#### 

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#### 

Code restructuring is a good example of software reengineering

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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d. Refinement heuristics

#### 

The major areas of problem decompositon during the project scoping activity are the

Note: This has multiple answers

Select one or more:

a. Customer workflow

b. Functionalities to be delivered \*\*\*\*\*\*\*\*\*\*\*\*\*

c. Process used to deliver functionality \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. Software process model

#### 

The criteria used to assess the quality of an architectural design should be based on

Note: This has multiple answers

Select one or more:

a. Accessibility

b. Control \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. Data \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. Implementation

#### 

Among all the phases of the softwaer development lifecycle, which phase consumes the maximum effort?

Select one:

a. Design

b. Maintenance \*\*\*\*\*\*\*\*\*\*

c. Testing

d. Coding

Software deteriorates rather than wears out because

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True

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By collecting software metrics and making use of existing software reliability models it is possible to develop meaningful guidelines for determining when software testing is done.

Select one:

True \*\*\*\*\*\*\*\*\*\*\*\*

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#### 

The work product during requirement elicitation will vary depending on the

Select one:

a. Size of the budget

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#### 

In agile process models the only deliverable work product is the working program.

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Boundary value analysis can only be used to do white box testing

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Whe using structured design methodologies the process of stpewise refinement is unnecessary

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

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#### 

Creation and refinement of use cases is an important part of secnario based scheduling.

Select one:

True \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

False

#### 

The incremental model of software development is

Select one:

a. A reasonable approach when requirements are well defined

b. A good approach when a working core product is required quickly

c. Best approach to use for projects with large developmet teams \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. A revolutionary model that is not used for commercial products

#### 

Which design model is equivalent to a set of detailed drawings for each room in a house?

Select one:

a. Architectural Design

b. Component level design \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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d. Interface design

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d. Project Scope

#### 

The desirable characteristics that every good software design needs are

Select one:

a. Correctness

b. Understandability

c. Efficiency

d. Maintainability

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Which of the following in not a characteristic common to all design methods?

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#### 

Which of these is not one of the phase names defined by the unified process model for software ddevelopment?

Select one:

a. Inception

b. Elaboration

c. Construction \*\*\*\*\*\*\*\*\*\*

d. Validation

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True \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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#### 

Which of the following is the characteristics of testable software?

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#### 

The only time reengineering enters into work with a legacy system is when it components will be implemented as objects..

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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The elements of software quality assurance consists of reviews, audits, and testing.

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Select one:

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b. Interface errors

c. performance errors

d. All of these\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Evolutionary software models are

Select one:

a. Interactive in nature

b. Can easily accomodate product requirements chages

c. Do not generally produce throwaway systems

d. All of the above \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Attempts to apply mathematical proof to demonstrate that a program conforms to its specifications are doomed to failure.

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Which of the following activities is not part of the software reengineering process model?

Select one:

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b. Invenroty analysis

c. Prototyping\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. Reverse Engineering

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Since modularity is an important desing goal it is not possible to have too many modules in a proposed design

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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Spiral life cycle model is not suitable for products that are vulnerable to large number of risks.

Select one:

True

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Which of these are objectives of Team software process? (*mutiple answers)*

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c. Build self directed software teams \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. Show managers how to reduce costs and sustain quality

#### 

What is the normal order of activities in which traditional software testing is organized?

Note: This has multiple answers

Select one or more:

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b. System testing \*\*\*\*\*\*\*\*\*\*\*\*\*

c. Unit testing \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. Validation testing \*\*\*\*\*\*\*\*\*\*\*\*

#### 

#### 

Software supportability is not concerned with either the provision of hardware or infrastructure.

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

#### 

#### 

DEsing patterns are not applicable to the design of object oriented software?

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Which of the items listed below is not one of the software engineering layers?

Select one:

a. Processes

b. Manufacturing \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. Methods

d. Tools

.

#### 

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Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

#### 

#### 

#### 

#### 

#### 

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Select one:

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False

#### 

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Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

#### 

What type of errors are missed by black box testing and can be uncovered by white box testing?

Note:This has multiple answers

Select one or more:

a. Behavioral errors

b. Logic errors \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. Performance errors

d. Typographical errors\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Information hiding makes program maintenance easier by hiding data and procedure from unaffected parts of the program

Select one:

True\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

False

#### 

In agile process models the only deliverable work product is the working program.

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

#### 

In requirement validation the requirements model is reviewed to ensure its technical feasibility

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

#### 

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#### 

#### 

#### 

Software quality might be defined as conformance to explicitly stated requirements and standards, nothing more and nothing less.

Select one:

True

False\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

#### 

Units and stubs are not needed for unit testing because the modules are tested independently of one another

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

A module is said to have logical cohesion , if

Select one:

a. It performs a set of tasks that relate to each other very loosely

b. All the functions of the module are executed within the same time span

c. All elements of the module perform similar operations, e.g. error handling, data input, data otput etc. \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. None of the above

#### 

The best project team organizational model to use when tackling extremely complex problems is the

Select one:

a. Closed paradigm

b. Open paradigm \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. Random paradigm

d. Synchronous paradigm

Which of the follwoing is not one of the context free questions that would be used during project inception?

Select one:

a. What will be the economic benefit from a good solution?

b. Who is behind the request for work?

c. Who will pay for the work? \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. Who will use the solution?

#### 

Which of the following is the characteristics of testable software?

Select one:

a. Observability

b. Simplicity

c. Stability

d. All of these \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Software reengineering process model includes restructuring activities for which of the following work items?

a. Code \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

b. Documentation \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. Data \*\*\*\*\*\*\*\*\*\*\*\*

d. None of the above

#### 

#### 

#### 

Which of the following is not an example of infrastructure components that may need to be integrated into the software acrhitecture?

Select one:

a. Communication Component

b. Database components

c. Interface components\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. Memory management components

#### 

Among all the phases of the softwaer development lifecycle, which phase consumes the maximum effort?

Select one:

a. Design

b. Maintenance \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. Testing

d. Coding

#### 

Which of the following is not an example of data restructuring?

Select one:

a. Data Analysis \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

b. Data name rationalization

c. Data name standardization

d. None of the above

#### 

#### 

Software is a product and can be manufacturedd using the same technologies used for other engineering artifacts

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Which factors should be considered in choosing the organizational structure for a software team?

Note: this has multiple answers

Select one or more:

a. Degree of communication desired \*\*\*\*\*\*\*\*\*\*\*

b. Predicted size of resulting program \*\*\*\*\*\*\*\*\*\*\*\*\*

c. Rigidity of the delivery date \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. Size of the project budget

#### 

Product and process decomposition occurs simultaneosly as the project plan evolves

Select one:

True \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

False

#### 

#### 

Which of these are objectives of Team software process? (*mutiple answers)*

Select one or more:

a. Accelerate software process improvement

b. Allow better time management by highly trained professionals \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. Build self directed software teams \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. Show managers how to reduce costs and sustain quality

#### 

Attempts to apply mathematical proof to demonstrate that a program conforms to its specifications are doomed to failure.

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

#### 

Black box testing attempts to find errors in which of the following categories

Select one:

a. Incorrect or missing functions

b. Interface errors

c. performance errors

d. All of these\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

#### 

UML activity diagram are useful in representing which analysis model elements?

Select one:

a. Behavioral elements

b. Class based elements

c. Flow based elements

d. Scenatio based elements. \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Which of the following is not one of the five design class types?

Select one:

a. Business domain classes

b. Entity Classes \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. Process Classes

d. User Interface Classes

#### 

#### 

The control specification represents the system behavior using UML sequence and state diagrams.

Select one:

True \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

False

#### 

Software supportability is not concerned with either the provision of hardware or infrastructure.

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

#### 

The only time reengineering enters into work with a legacy system is when it components will be implemented as objects..

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Which of the follwoing is not one of the context free questions that would be used during project inception?

Select one:

a. What will be the economic benefit from a good solution?

b. Who is behind the request for work?

c. Who will pay for the work? \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. Who will use the solution?

#### 

In general software only succeeds if its behavious is consistent with the objectives of its designers.

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Process technology tools allow software organizations to compress schedules by skipping unimportant activities.

Select one:

True\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

False

#### 

The best project team organizational model to use when tackling extremely complex problems is the

Select one:

a. Closed paradigm

b. Open paradigm \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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d. Synchronous paradigm

#### 

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Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

#### 

Which of the following is NOT an element of a requirement model?

Select one:

a. Behavioral elements

b. Class based elements

c. Data elements\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. Scenatio based elements.

#### 

Software reengineering process model includes restructuring activities for which of the following work items?

Note: This has multiple answers

Select one or more:

a. Code \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

b. Documentation \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. Data \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. None of the above

#### 

Which of the following are areas of concern in the design model?

Note: This has multiple answers.

Select one or more:

a. Architecture \*\*\*\*\*\*\*\*\*\*\*

b. Data \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. Interfaces \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. Project Scope

#### 

High coupling among modules makes it

Select one:

a. Difficult to understand and maintain the product

b. Difficult to implement and debug

c. Expensive to develop the product as the modules having high coupling cannot be developed independently

d. All of the above\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

#### 

Which design model is equivalent to a set of detailed drawings for each room in a house?

Select one:

a. Architectural Design

b. Component level design \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. Data design

d. Interface design

#### 

Product and process decomposition occurs simultaneosly as the project plan evolves

Select one:

True \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

False

#### 

Smoke testing might best be described as

Select one:

a. Bulletproofing shrink wrapped software

b. Rolling integration testing \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. Testing that hides implementation errors

d. Unit testing for small programs

#### 

The result of the requirements engineering task is an analysis model that defines which of the following problem domain?

Select one:

a. Information

b. Functional

c. Behavioral

d. All of the above \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Which os the follwoing are essential program constructs , without which it is difficult to develop a program?

*(This has many answers)*

Select one or more:

a. Sequence \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

b. Selection\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. Jump

d. Iteration \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Which of these benefits can be achieved when software is restructured?

Note: This has multiple answers

Select one or more:

a. Higher quality progams \*\*\*\*\*\*\*\*\*\*\*\*\*

b. Reduced maintenance effort \*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. Software easier to test \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. None of the above

#### 

#### 

Which of these are valid reasons for measuring software processes, products, and resources?

Note: this has multiple answers

Select one or more:

a. To characterize them \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

b. To evaluate them \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. To price them

d. To improve them \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Boundary value analysis can only be used to do white box testing

Select one:

True

False\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

#### 

Which of the following is not an example of infrastructure components that may need to be integrated into the software acrhitecture?

Select one:

a. Communication Component

b. Database components

c. Interface components\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

d. Memory management components

#### 

Creation and refinement of use cases is an important part of secnario based scheduling.

Select one:

True \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

False

#### 

Software quality might be defined as conformance to explicitly stated requirements and standards, nothing more and nothing less.

Select one:

True \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

False

#### 

Software engineering umbrella activities are only applied during the initial phase of software development projects

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Since modularity is an important desing goal it is not possible to have too many modules in a proposed design

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

With thorough testing it is possible to remove all defects from a program prior to delivery to the customer

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Whe using structured design methodologies the process of stpewise refinement is unnecessary

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Organizations that achieve high levels of maturit in people management have a higher likelihood of implementing effective software engineering processes.

True \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

False

#### 

#### 

DEsing patterns are not applicable to the design of object oriented software?

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Which of the items listed below is not one of the software engineering layers?

Select one:

a. Processes

b. Manufacturing

c. Methods

d. Tools

#### 

#### 

Black box testing attempts to find errors in which of the following categories

Select one:

a. Incorrect or missing functions

b. Interface errors

c. performance errors

d. All of these\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

#### 

Code restructuring is a good example of software reengineering

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#### 

Among all the phases of the softwaer development lifecycle, which phase consumes the maximum effort?

Select one:

a. Design

b. Maintenance \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. Testing

#### 

Which of the items listed below is not one of the software engineering layers?

Select one:

a. Processes

b. Manufacturing \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

c. Methods

d. Tools

Which of these are the 5 generic software engineering framework activities?

Select one:

a. Communication, Planning , Modelling, Construction, Deployment \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

b. Communication, Risk management, Measurement, Production, Reviewing

c. Analysis, designing, programming, debugging, maintenance

d. Analysis, Planning, Designing, Programming, Testing

#### 

#### 

In agile process models the only deliverable work product is the working program.

Select one:

True

False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

**Prototyping life cycle model is the most suitable one for undertaking a software development project susceptible to schedule slippage.**

**Select one:**

**True**

**False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Spiral life cycle model is not suitable for products that are vulnerable to large number of risks.**

**Select one:**

**True**

**False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Which of the following are recongnized process flow types? *(This has multiples correct answers)***

**Select one or more:**

**a. Concurrent Process Flow \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**b. Iterative Process Flow**

**c. Linear Process Flow \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**d. Spiral Process Flow**

**The work product during requirement elicitation will vary depending on the**

**Select one:**

**a. Size of the budget**

**b. Size of the product being built \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**c. Software process being used**

**d. Stakeholders needs**

**DEvelopers and customers create use cases to help the softare team understand how different classes of end users will use functions.**

**Select one:**

**True \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**False**

#### 

**The result of the requirements engineering task is an analysis model that defines which of the following problem domain?**

**Select one:**

**a. Information**

**b. Functional**

**c. Behavioral**

**d. All of the above \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Which of the following is NOT an element of a requirement model?**

**Select one:**

**a. Behavioral elements**

**b. Class based elements**

**c. Data elements \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**d. Scenatio based elements.**

#### 

**Creation and refinement of use cases is an important part of secnario based scheduling.**

**Select one:**

**True \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

#### 

**Evolutionary software models are**

**Select one:**

**a. Interactive in nature**

**b. Can easily accomodate product requirements chages**

**c. Do not generally produce throwaway systems**

**d. All of the above \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

#### 

#### 

**Whe using structured design methodologies the process of stpewise refinement is unnecessary**

**Select one:**

**True**

**False \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**Which design model elements are used to depict a model of information represented from the user's view?**

**Select one:**

**a. Architectural design elements**

**b. Component Level design elements**

**c. Data Design elements\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**d. Interface design elements**

#### 

**The control specification represents the system behavior using UML sequence and state diagrams.**

**Select one:**

**True \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**False**

#### **Feedback**

**The correct answer is 'True'.**

#### 

**Which of the following is not one of the five design class types?**

**Select one:**

**a. Business domain classes**

**b. Entity Classes \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**c. Process Classes**

**d. User Interface Classes**

**Process technology tools allow software organizations to compress schedules by skipping unimportant activities.**

**Select one:**

**True\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**False**

#### 

#### 

**Which of the following are areas of concern in the design model?**

**Note: This has multiple answers.**

**Select one or more:**

**a. Architecture \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**b. Data \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**c. Interfaces \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**d. Project Scope**

**The UML sequence diagram show the order in which system events are processed.**

**Select one:**

**True**

**False\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

#### 

**The incremental model of software development is**

**Select one:**

**a. A reasonable approach when requirements are well defined**

**b. A good approach when a working core product is required quickly**

**c. Best approach to use for projects with large developmet teams\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**d. A revolutionary model that is not used for commercial products**

#### 

#### 

**Which of the following is not an example of infrastructure components that may need to be integrated into the software acrhitecture?**

**Select one:**

**a. Communication Component**

**b. Database components**

**c. Interface components\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**d. Memory management components**

#### 

#### 

**Which of these are objectives of Team software process? (*mutiple answers)***

**Select one or more:**

**a. Accelerate software process improvement**

**b. Allow better time management by highly trained professionals \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**c. Build self directed software teams \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**d. Show managers how to reduce costs and sustain quality**

#### 

#### 

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| **Started on** | **Wednesday, 4 March 2015, 9:15 AM** |
| **State** | **Finished** |
| **Completed on** | **Wednesday, 4 March 2015, 9:17 AM** |
| **Time taken** | **1 min 43 secs** |
| **Grade** | **10.00 out of 10.00 (100%)** |

### Question 1

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**The best reason for using Independent Software test teams is that**

**Select one:**

**a. Software developers do not need to do any testing**

**b. strangers will test the software mercilessly**

**c. testers do not get involved with the project until testing begins**

**d. The conflits of interest between developers and testers is reduced Correct**

#### **Feedback**

**The correct answer is: The conflits of interest between developers and testers is reduced**

### Question 2

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**What is the normal order of activities in which traditional software testing is organized?**

**Note: This has multiple answers**

**Select one or more:**

**a. Integration testing Correct**

**b. System testing Correct**

**c. Unit testing Correct**

**d. Validation testing Correct**

#### **Feedback**

**The correct answer is: Integration testing, System testing, Unit testing, Validation testing**

### Question 3

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**By collecting software metrics and making use of existing software reliability models it is possible to develop meaningful guidelines for determining when software testing is done.**

**Select one:**

**True Correct**

**False**

#### **Feedback**

**The correct answer is 'True'.**

### Question 4

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**Which of the following need to be assessed during unit testing?**

**Note: This has multiple answers.**

**Select one or more:**

**a. Algorithmic performance**

**b. Code stability**

**c. Error handling Correct**

**d. Execution paths Correct**

#### **Feedback**

**The correct answer is: Error handling, Execution paths**

### Question 5

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**Units and stubs are not needed for unit testing because the modules are tested independently of one another**

**Select one:**

**True**

**False Correct**

#### **Feedback**

**The correct answer is 'False'.**

### Question 6

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**Top down integration testing has as its major advantage (s) that**

**Note: This has multiple answers**

**Select one or more:**

**a. low level modules never need testing**

**b. Major decision points are tested early Correct**

**c. No drivers need to be written Correct**

**d. No stubs need to be written**

#### **Feedback**

**The correct answer is: Major decision points are tested early, No drivers need to be written**

### Question 7

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**Regression testing should be normal part of integration testing because as a new module is added to the system new.**

**Note: This has multiple answers**

**Select one or more:**

**a. Control logic is invoked Correct**

**b. Data flow paths are established Correct**

**c. Drivers require testing**

**d. None of these**

#### **Feedback**

**The correct answer is: Control logic is invoked, Data flow paths are established**

### Question 8

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**Smoke testing might best be described as**

**Select one:**

**a. Bulletproofing shrink wrapped software**

**b. Rolling integration testing Correct**

**c. Testing that hides implementation errors**

**d. Unit testing for small programs**

#### **Feedback**

**The correct answer is: Rolling integration testing**

### Question 9

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**Which of the following is the characteristics of testable software?**

**Select one:**

**a. Observability**

**b. Simplicity**

**c. Stability**

**d. All of these Correct**

#### **Feedback**

**The correct answer is: All of these**

### Question 10

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**With thorough testing it is possible to remove all defects from a program prior to delivery to the customer**

**Select one:**

**True**

**False Correct**

#### **Feedback**

**The correct answer is 'False'.**

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| **Started on** | **Monday, 9 March 2015, 5:32 PM** |
| **State** | **Finished** |
| **Completed on** | **Monday, 9 March 2015, 5:41 PM** |
| **Time taken** | **8 mins 27 secs** |
| **Grade** | **10.00 out of 10.00 (100%)** |

### Question 1

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**Effective software project management focuses on**

**Select one:**

**a. People, performance, payoff, product**

**b. People, product, performance, process**

**c. People, product, process, project Correct**

**d. People, process, payoff, product**

#### **Feedback**

**The correct answer is: People, product, process, project**

### Question 2

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**The first step in project planning is to**

**Select one:**

**a. Determine the budget**

**b. Select a team organizational model**

**c. Determine the project constraints**

**d. Establish the objectives and scope Correct**

#### **Feedback**

**The correct answer is: Establish the objectives and scope**

### Question 3

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**Which of the following is not considered a stakeholder in the software process?**

**Select one:**

**a. Customers**

**b. End users**

**c. Project managers**

**d. Sales people Correct**

#### **Feedback**

**The correct answer is: Sales people**

### Question 4

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**Organizations that achieve high levels of maturit in people management have a higher likelihood of implementing effective software engineering processes.**

**Select one:**

**True Correct**

**False**

#### **Feedback**

**The correct answer is 'True'.**

### Question 5

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**The best project team organizational model to use when tackling extremely complex problems is the**

**Select one:**

**a. Closed paradigm**

**b. Open paradigm Correct**

**c. Random paradigm**

**d. Synchronous paradigm**

#### **Feedback**

**The correct answer is: Open paradigm**

### Question 6

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**Which factors should be considered in choosing the organizational structure for a software team?**

**Note: this has multiple answers**

**Select one or more:**

**a. Degree of communication desired Correct**

**b. Predicted size of resulting program Correct**

**c. Rigidity of the delivery date Correct**

**d. Size of the project budget**

#### **Feedback**

**The correct answer is: Degree of communication desired, Predicted size of resulting program, Rigidity of the delivery date**

### Question 7

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**Which of these software characteristics is not a factor contributing to project coordination difficulties?**

**Select one:**

**a. Interoperability**

**b. Performance Correct**

**c. Scale**

**d. Uncertainity**

#### **Feedback**

**The correct answer is: Performance**

### Question 8

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**The major areas of problem decompositon during the project scoping activity are the**

**Note: This has multiple answers**

**Select one or more:**

**a. Customer workflow**

**b. Functionalities to be delivered Correct**

**c. Process used to deliver functionality Correct**

**d. Software process model**

#### **Feedback**

**The correct answer is: Functionalities to be delivered, Process used to deliver functionality**

### Question 9

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**Product and process decomposition occurs simultaneosly as the project plan evolves**

**Select one:**

**True Correct**

**False**

#### **Feedback**

**The correct answer is 'True'.**

### Question 10

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**How does a software project manager need to act to minimize the risk of software failure?**

**Note: This has multiple answers**

**Select one or more:**

**a. Double the project team size**

**b. Request a large budget**

**c. Start on the right foot Correct**

**d. Track progress Correct**

#### **Feedback**

**The correct answer is: Start on the right foot, Track progress**

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| **Started on** | **Wednesday, 18 March 2015, 1:47 PM** |
| **State** | **Finished** |
| **Completed on** | **Wednesday, 18 March 2015, 1:48 PM** |
| **Time taken** | **1 min** |
| **Grade** | **10.00 out of 10.00 (100%)** |

### Question 1

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**How much effort is typically expended by a software organization on software maintenance?**

**Select one:**

**a. 20%**

**b. 40%**

**c. 60% Correct**

**d. 80%**

#### **Feedback**

**The correct answer is: 60%**

### Question 2

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**Software supportability is not concerned with either the provision of hardware or infrastructure.**

**Select one:**

**True**

**False Correct**

#### **Feedback**

**The correct answer is 'False'.**

### Question 3

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**Software reengineering process model includes restructuring activities for which of the following work items?**

**Note: This has multiple answers**

**Select one or more:**

**a. Code Correct**

**b. Documentation Correct**

**c. Data Correct**

**d. None of the above**

#### **Feedback**

**The correct answer is: Code, Documentation, Data**

### Question 4

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**Which of these benefits can be achieved when software is restructured?**

**Note: This has multiple answers**

**Select one or more:**

**a. Higher quality progams Correct**

**b. Reduced maintenance effort Correct**

**c. Software easier to test Correct**

**d. None of the above**

#### **Feedback**

**The correct answer is: Higher quality progams, Reduced maintenance effort, Software easier to test**

### Question 5

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**Code restructuring is a good example of software reengineering**

**Select one:**

**True**

**False Correct**

#### **Feedback**

**The correct answer is 'False'.**

### Question 6

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**Which of the following is not an example of data restructuring?**

**Select one:**

**a. Data Analysis Correct**

**b. Data name rationalization**

**c. Data name standardization**

**d. None of the above**

#### **Feedback**

**The correct answer is: Data Analysis**

### Question 7

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**Reengineering client/server systems begins with a thorough analysis of the business environment that encomapasses the existing computing system.**

**Select one:**

**True Correct**

**False**

#### **Feedback**

**The correct answer is 'True'.**

### Question 8

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**The only time reengineering enters into work with a legacy system is when it components will be implemented as objects..**

**Select one:**

**True**

**False Correct**

#### **Feedback**

**The correct answer is 'False'.**

### Question 9

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**The cost benefits derived from reengineering are realized largely due to decreased maintenance and support costs for the new software product.**

**Select one:**

**True Correct**

**False**

#### **Feedback**

**The correct answer is 'True'.**

### Question 10

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**Which of the following is not an example of a business process?**

**Select one:**

**a. Designing a new product**

**b. Hiring an employee**

**c. Purchasing services**

**d. Testing software Correct**

#### **Feedback**

**The correct answer is: Testing software**

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| **Started on** | **Tuesday, 24 March 2015, 8:06 PM** |
| **State** | **Finished** |
| **Completed on** | **Tuesday, 24 March 2015, 8:07 PM** |
| **Time taken** | **56 secs** |
| **Grade** | **10.00 out of 10.00 (100%)** |

### Question 1

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**Which of thesse activities is not one of the activities recommended to be performed by an independent SQA group?**

**Select one:**

**a. Prepare SQA plan for the project**

**b. Review software engineering actvites to verify process compliance**

**c. Report any evidence of non compliance to senior management**

**d. Serve as the sole test team for any software produced Correct**

#### **Feedback**

**The correct answer is: Serve as the sole test team for any software produced**

### Question 2

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**Software quality might be defined as conformance to explicitly stated requirements and standards, nothing more and nothing less.**

**Select one:**

**True**

**False Correct**

#### **Feedback**

**The correct answer is 'False'.**

### Question 3

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**People who perform software quality assurance must look at the software from the customer's perspective.**

**Select one:**

**True Correct**

**False**

#### **Feedback**

**The correct answer is 'True'.**

### Question 4

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**The elements of software quality assurance consists of reviews, audits, and testing.**

**Select one:**

**True**

**False Correct**

#### **Feedback**

**The correct answer is 'False'.**

### Question 8

**Correct**

**Mark 1.00 out of 1.00**

**Flag question**

#### **Question text**

**Software reliability problems can almost always be traced to**

**Note: This has multiple answers**

**Select one or more:**

**a. Errors in accuracy**

**b. Errors in design \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**c. Errors in implementation \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**d. Errors in operation**

#### 