Which of the following statement is true about software development?

False- of the shelf standards and procedures exist producing quality software

False – state-of-the-art hardware is the essential ingredient for successful software production

True- insufficient knowledge about requirements is the major cause of failed software efforts

False – if the development team gets behind schedule a project manager can always add more programmers to meet the deadline, especially if he is sure the qualification of the people being tapped for the team

False – people represent the intellectual capital in which the best possible return can be expected thus a project manager must hire as many people he can, to strengthen the workforce

Which of the following statements is true about software?

In software engineering, training aids is part of a software product

Which one is not a software configuration item

Post-implementation survey

A software quality attribute that pertains to the optimum use of system resources such as memory and processor cycles

Efficiency

An attribute of good software that is written in such a way that it may evolve to meet the changing needs of customers

Maintainability

6 none of the above

Which of the following statements is true about software engineering/development?

Professional software development/engineering is always subject to time and budget constraints

Which of the following statements is true about software development phases?

Systems analysis defines the role of each element in the computer-based system

Which of the following statements best describes the formal technical review?

It is an effective software quality assurance activity that can be applied from the inception of the project

An evolutionary model that is best for client server applications and provides accurate picture of current state of the project

Concurrent development model

It is software engineering paradigm that encompasses a broad array of tools for software engineers

4GT

The Corporation. A local engineering firm that designs compact circuits for their clients would like to computerize their process. The management has set the following requirements (1) they envision the system to incorporate video conferencing (2) all proposals and order will be transacted through the web (3) the development time must be short (4) the implementation should be progressive so that users can learns the new system in stages. Select the best development model for this project.

Extreme programming model

The corporation wishes to computerize their ordering system, unfortunately, there is no complete documentation for the processes and most of the information are tacit knowledge. Select the most suitable development strategy.

Waterfall approach

Select the statements below that is NOT true about component-based software development

It can be developed in any language

Which of the following is not a technique in structured development method?

Use cases

It is a software engineering method formulated by Booch and Rumbaugh which are appropriate for interactive systems but not for systems with stringent real-time requirements

Object-oriented

Which of the following statements about software quality is not appropriate?

Software quality is of concern only when a project reaches the testing stage

Which of the following is not a factor to consider in software project management?

Task to be accomplished

Risk to be incurred

Milestones to be tracked

Scope of the work to be done

**NONE OF THE ABOVE**

The person responsible for determining size, scope, and resource requirements of a project

Project manager

Which of the following statements best describe the project initiation phase in software project management?

Clear discrete activities and work needed to complete each activity within a single project are define

Which two of the following are included in the project scope

List of deliverables and brief description

Standard methods

To correct error in logic and notation in a project network diagram an activity without duration is added. What is the term used for this activity?

Dummy

The term that refers to the time an activity can be delayed without delying the project completion

slack

The part of a task or network diagram (know as PERT chart) that represents activity of set or set of activities in a project that cannot be delayed to avoid slippage of the project

Critical path