

# Software Certifications

## Exam CSQA

CSQA Certified Software Quality Analyst

Version: 6.0

[ Total Questions: 471 ]

**Topic 1, Volume A****Question No : 1 - (Topic 1)**

As the continuum of work processes move or evolve towards creative processes, the mix of written procedures and people skills change.

- A. True
- B. False

**Answer: A**

**Question No : 2 - (Topic 1)**

Which item(s) below are measures of central tendency?

- A. Mean
- B. Median
- C. Mode
- D. All of the above
- E. A and C above

**Answer: D**

**Question No : 3 - (Topic 1)**

The amount of effort required to intercouple or interconnect computer systems is referred to as:

- A. Reusability
- B. Flexibility
- C. Portability
- D. Interoperability

**Answer: D**

**Question No : 4 - (Topic 1)**

The acronym COTS refers to:

- A. Critical Organizational Testing Systems
- B. Commercial Off The Shelf Software
- C. Contractor Overview Training System
- D. Code Origination Tracking System

**Answer: B**

**Question No : 5 - (Topic 1)**

The two common types of Matrixes are:

- A. L-Type and Y-Type
- B. T-Type and X-Type
- C. L-Type and T-Type
- D. Y-Type and X-Type

**Answer: C**

**Question No : 6 - (Topic 1)**

If you use the PDCA cycle for managing processes, which activity is associated with the CHECK component?

- A. Process Definition
- B. Process Mapping
- C. Process Measurement
- D. Process Improvement
- E. Process Controls

**Answer: C**

**Question No : 7 - (Topic 1)**

A subjective enforcement decision is when someone analyzes the situation and then makes a decision on whether or not to enforce the policy.

- A. True
- B. False

**Answer: A**

**Question No : 8 - (Topic 1)**

Which of the following activities occur when the software developed by an outside organization is ready for delivery?

- A. Contractual Relations
- B. Acceptance Testing
- C. Operation and Maintenance
- D. B and C only
- E. A, B, and C

**Answer: E**

**Question No : 9 - (Topic 1)**

Which of the following would be considered an important prerequisite to quality planning?

- A. Establishing a Quality Assurance Function
- B. Defining the IT Vision, Mission, and Goals
- C. Defining the Quality Assurance Mission and Goals
- D. Adopting the Six Sigma Concept
- E. Calculating Cost-of-Quality for the IT Organization

**Answer: B**

**Question No : 10 - (Topic 1)**

The step which evaluates whether people possess the skills necessary to effectively use the COTS software in their day-to-day work is referred as:

- A. Demonstrate the Software in Operation
- B. Acceptance Test the Software Process

- C. Evaluate People Fit
- D. Define Critical Success Factor

**Answer: C**

**Question No : 11 - (Topic 1)**

Internal control systems have two components. The first is \_\_\_\_\_ ,and the second is the \_\_\_\_\_ within an individual business application

- A. Environmental Controls, Transaction Processing Controls
- B. Transaction Processing Controls, Environmental Controls
- C. General Control, Environmental Control
- D. Environmental Control, General Control

**Answer: A**

**Question No : 12 - (Topic 1)**

The purpose of a Risk Analysis Process is to answer the question:

- A. How big is the risk?
- B. Is this an acceptable risk?
- C. What exactly is being exposed to the risk?
- D. What alternatives are there?
- E. All of the above

**Answer: E**

**Question No : 13 - (Topic 1)**

The main objectives of process mapping is / are to understand:

- A. How a process contributes to meeting the organization's mission and goals?
- B. Who is responsible for the process?
- C. How the process interfaces to produce the organization's outcomes?
- D. All of the above

E. None of the above

**Answer: D**

**Question No : 14 - (Topic 1)**

Laws and regulations affecting the products produced and operated are generally addressed in which planning activity:

- A. Business or Activity Planning
- B. Environment Planning
- C. Capabilities Planning
- D. Assumptions Planning
- E. Policies Planning

**Answer: B**

**Question No : 15 - (Topic 1)**

Strategic planning answers which of the following questions:

- A. What to do?
- B. When to do it?
- C. How to do it?
- D. Where to do it?
- E. Who does it?

**Answer: A**

**Question No : 16 - (Topic 1)**

Enforcement of standards is the responsibility of:

- A. Management
- B. Quality Assurance
- C. Quality Control

D. Auditors

**Answer: A**

**Question No : 17 - (Topic 1)**

Which of the following Quality Management principle(s) are incorporated into the ISO 9001 standard?

- A. System approach to management
- B. Process approach
- C. Mutually beneficial supplier relationships
- D. Factual approach decision making
- E. All of the above

**Answer: E**

**Question No : 18 - (Topic 1)**

The level of quality can vary significantly from project to project. These levels of quality, which can be quantified and measured, are called:

- A. Defect Density
- B. Quality Attributes
- C. Quality Control
- D. Quality Assurance

**Answer: B**

**Question No : 19 - (Topic 1)**

The primary responsibility of quality lies with:

- A. Project Manager
- B. Senior Management
- C. Testing Team
- D. Developer

**Answer: B**

**Question No : 20 - (Topic 1)**

COTS software is normally developed prior to an organization selecting that software for its use.

- A. True
- B. False

**Answer: A**

**Question No : 21 - (Topic 1)**

In the PDCA cycle, if a check detects an abnormality, then record the abnormality and continue the work per the procedure.

- A. True
- B. False

**Answer: B**

**Question No : 22 - (Topic 1)**

Which of the following is NOT a QFD Horizontal Deployment?

- A. Functional Deployment
- B. Information Deployment
- C. Customer Deployment
- D. Task Deployment

**Answer: C**

**Question No : 23 - (Topic 1)**



What early quality pioneer developed the "Quality Trilogy" of Quality Planning, Quality Control, and Quality Improvement?

- A. William Perry
- B. Joseph Juran
- C. Dr. Deming
- D. Philip Crosby
- E. Bill Gates

**Answer: B**

**Question No : 24 - (Topic 1)**

Which of the following is considered a product measure?

- A. Overall development time
- B. Average level of experience of development staff
- C. Rate time
- D. Quality
- E. Time spent fixing errors

**Answer: D**

**Question No : 25 - (Topic 1)**

Example(s) of traditional management philosophy are:

- A. Fire fighting
- B. Refine the process
- C. Teamwork
- D. A and C
- E. All the above

**Answer: A**

**Question No : 26 - (Topic 1)**

SEI's CMMi maturity level 5 is also known as:

- A. Managed
- B. Defined
- C. Optimizing
- D. Quantitatively Managed

**Answer: C**

**Question No : 27 - (Topic 1)**

Which level(s) of the organization should be involved in both establishing and using processes in their daily work?

- A. Senior
- B. Mid-level
- C. Junior
- D. All of the above

**Answer: D**

**Question No : 28 - (Topic 1)**

It is generally agreed that people are the key to providing an adequate and appropriate level of security. One of the most effective methods for involving people in security is:

- A. Write a security policy
- B. Conduct security awareness training
- C. Evaluate people on following security procedures
- D. Write detailed security procedures
- E. Develop security response programs

**Answer: B**

**Question No : 29 - (Topic 1)**

Process improvement activities should also be conducted as per a defined process.