

# CS3337 Final Exam

**Due** Dec 14 at 4pm

**Points** 21

**Questions** 21

**Available** Dec 14 at 2:30pm - Dec 14 at 4pm 1 hour and 30 minutes

**Time Limit** 45 Minutes

## Attempt History

	Attempt	Time	Score
LATEST	<a href="#">Attempt 1</a>	25 minutes	21 out of 21

⚠️ Correct answers are hidden.

Score for this quiz: **21** out of 21

Submitted Dec 14 at 2:54pm

This attempt took 25 minutes.

Question 1

1 / 1 pts

The goal of validation testing is

☒

To demonstrate to the developer and the system customer that the software meets its requirements

☐

To expose defects of software

☐

To discover faults or defects in the software

Question 2

1 / 1 pts

**Verification vs validation****Verification:**

Are we building the proi ▼

**Validation**

Are we building the righ ▼

**Question 3****1 / 1 pts**

Software inspections vs Software testing

**Software inspections**

Concerned with analysi ▼

**Software testing**

Concerned with exercis ▼

**Question 4****1 / 1 pts**

Unit testing vs Component testing

**Unit testing**

ndividual program units ▼

**Component testing**

focus on testing compo ▼

**System testing**

focus on testing compo ▼

**Question 5****1 / 1 pts**

Service-based applications can't be constructed by linking services from various providers

☐ True

☒ False

**Question 6****1 / 1 pts**

Service-oriented architectures don't support developing distributed systems where the components are stand-alone services.

☐ True

☒ False

**Question 7****1 / 1 pts**

Which is not risk indicators?

☒ Team members to like to use tools

☐ Failure to meet agreed schedule;

☐ Late delivery of hardware

☐ poor relationships amongst team members

**Question 8****1 / 1 pts**

Which is not people management factors?

- ☐ Inclusion
- ☒ Testing software
- ☐ Respect
- ☐ Consistency

**Question 9****1 / 1 pts**

Which is not personality types?

- ☐ Task-oriented
- ☐ Interaction-oriented
- ☐ Self-oriented
- ☒ Error-prone-oriented

**Question 10****1 / 1 pts**

Which is not estimation techniques

- ☐ Algorithmic cost modeling

☐ Experience-based techniques

☒ PICA techniques

### Question 11

1 / 1 pts

Which is not factors influence the final size of project?

☐ Distribution of system.

☐ Programming language;

☒ Use fast hardware

☐ Use of reused systems and components;

### Question 12

1 / 1 pts

For COCOMO model,

$$PM = ( NAP \times (1 - \%reuse/100) ) / PROD$$

Which is wrong?

☐ PROD is the productivity

☐ PM is the effort in person-months

☒ NAP is the number of software developers

**Question 13****1 / 1 pts**

Which one is not software quality?

- ☐ Safety
- ☐ Reliability
- ☒ Planability
- ☐ Portability

**Question 14****1 / 1 pts**


ISO 9001, the most general of these standards, applies to organizations that design, develop and maintain products, including software.

- ☒ True
- ☐ False

**Question 15****1 / 1 pts**

Inspections require execution of a system so it can be used before implementation.

- ☐ True
- ☒ False

**Question 16****1 / 1 pts****Match inspection checklist****Data faults**Are the program variab **Control faults**Are the conditions corre **Input/output faults**Are all input variables u **Question 17****1 / 1 pts****Pair programming an approach where 5 people are responsible for code development and work together.**☐ True☒ False**Question 18****1 / 1 pts****Pair programming doesn't lead to a deep knowledge of a program, as both programmers don't have to understand the program in detail to continue development.**☐ True☒ False

**Question 19****1 / 1 pts**

<sup>2</sup>Software measurement and metrics are the basis of empirical software engineering.

☒ True☐ False**Question 20****1 / 1 pts**

Dynamic metrics help assess efficiency and reliability

☒ True☐ False**Question 21****1 / 1 pts**

Static metrics help assess complexity, understandability and maintainability.

☒ True☐ False**Quiz Score: 21** out of 21