

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	Attempt 1	24 minutes	21 out of 21

❗ Correct answers are hidden.

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

Submitted Dec 14 at 2:53pm

This attempt took 24 minutes.

Question 1

1 / 1 pts

The goal of validation testing is

☐ To discover faults or defects in the software

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

☐ To expose defects of software

Question 2

1 / 1 pts

Verification vs validation**Verification:**Are we building the pr **Validation**Are we building the rig **Question 3****1 / 1 pts**

Software inspections vs Software testing

Software inspectionsConcerned with analy **Software testing**Concerned with exerc **Question 4****1 / 1 pts**

Unit testing vs Component testing

Unit testingindividual program uni **Component testing**focus on testing comp **System testing**focus on testing comp 

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?

☐ Failure to meet agreed schedule;

☒ Team members to like to use tools

☐ poor relationships amongst team members

☐ Late delivery of hardware

Question 8**1 / 1 pts**

Which is not people management factors?

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

Question 9**1 / 1 pts**

Which is not personality types?

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

Question 10**1 / 1 pts**

Which is not estimation techniques

- ☒ PICA techniques

- ☐ Algorithmic cost modeling
- ☐ Experience-based techniques

Question 11**1 / 1 pts**

Which is not factors influence the final size of project?

- ☒ Use fast hardware
- ☐ Use of reused systems and components;
- ☐ Distribution of system.
- ☐ Programming language;

Question 12**1 / 1 pts**

For COCOMO model,

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

Which is wrong?

- ☐ PROD is the productivity
- ☒ NAP is the number of software developers
- ☐ PM is the effort in person-months

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 varia **Control faults**Are the conditions cor **Input/output faults**Are all input variables **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**

²Software 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