CS-303 Software Engineering Quiz #1 Spring 2019



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| Name: |  | Total Time: 20 Mins |
| Registration Number: |  | Total Marks: 10 |

Q1. Choose the correct option/options **(5 Marks)**

1. Selection of a **software process model** is based on

a) Requirements

b) Development team & Users

c) Project type and associated risk

**d) All of the mentioned**

2. The RUP is normally described from three perspectives-dynamic, static & practice. What does practice perspective do?

a) It shows the process activities that are enacted

**b) It suggests good practices to be used during the process**

c) It shows the phases of the model over time

d) All of the mentioned

3. Choose an internal software quality from given below:

a) Scalability

b) Usability

**c) Reusability**

d) Reliability

4. Which phase of the RUP is used to develop an understanding of problem domain?

a) Transition

**b) Elaboration**

c) Construction

d) Inception

5. Programmers prefer testing to programming and sometimes they take shortcuts when writing tests. For example, they may write incomplete tests that do not check for all possible exceptions that may occur.

a) True

**b) False**

c) Sometimes

Q2. Discuss scaling up and scaling out in context of agile software development. **(3 Marks)**

Q3. List **Four** advantages of Pair Programming. **(2 Marks)**

Ans 2. Scaling Up: A ‘scaling up’ perspective, which is concerned with using these methods for

developing large software systems that cannot be developed by a small team.

Scaling out: A ‘scaling out’ perspective, which is concerned with how agile methods can be

introduced across a large organization with many years of software development

experience

Ans 3. Collective Ownership.

Sharing of knowledge.

Responsiveness.

Efficient when two resources work on same module.