COMSATS University Islamabad, Abbottabad Campus

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Department of Computer Science

Quiz 1 4A

Class:	**SP23-BSE-4A**	Date:	**22 Mar 2023**
Subject:	**Object Oriented Software Engineering, OOSE Labs,**	Instructor:	**Mukhtiar Zamin**
Duration:	**20 Minutes**	Max Marks:	**20**
Name:		Registration #:	

MCQs

1: Which of the following exceeds software development cost?

   a. Quality Assurance
   b. Software Maintenance
   c. Software Deployment
   d. Hardwares

Marks 1, Time 50 seconds

2: Which of the following view best describe the software quality as that you can recognize the quality but cannot define it?

   a. The transcendental view
   b. The user view
   c. The manufacturing view
   d. The product view

Marks 1, Time 50 seconds

3: The best architectures, requirements, and designs emerge from_____

   a. Self-organizing teams
   b. SCRUM
   c. Iterations
   d. Early Programming

Marks 1, Time 50 seconds

4: The ideal duration for iteration is _____ weeks according to unified process.

    a. 1-6
    b. 2-6
    c. 3-8
    d. 4-10

Marks 1, Time 50 seconds
5: Inception phase should have detailed use cases up to _____ %.

    a. 10
    b. 20
    c. 50
    d. 100

Marks 1, Time 50 seconds
6: Which artifact has customized unified process steps and artifacts for the project?

    a. Use Case Model
    b. Vision and Business Case
    c. Development Case
    d. Feasibility Report
    e. None

Marks 1, Time 50 seconds
7: The process of taking the information from the model and displaying it graphically using some sort of standard set of graphical elements is called:

    a. TDD
    b. Data Modeling
    c. Object Modeling
    d. Visual Modeling

Marks 1, Time 50 seconds
8: Which method apply timeboxed iterative and evolutionary development

    a. Waterfall
    b. Incremental
    c. Agile

d. none of these

Marks 1, Time 50 seconds

9: _____ is not a phase of the Unified Process.

a. Inception
b. Elaboration
c. Construction
d. Validation

Marks 1, Time 50 seconds

True/False

10: For commercial applications its easy to develop customized products/software in a short time.

Marks 1, Time 40 seconds

11: Agile practices such as Agile Modeling are key to applying the UML in an effective way.

Marks 1, Time 40 seconds

12: Inception phase has no business case or vision artifact.

Marks 1, Time 40 seconds

13: Inception is a requirements phase while elaboration is designing phase

Marks 1, Time 40 seconds

14: Identify and drive down the lowest risks. Early iterations focus on building, testing, and stabilizing the core architecture

Marks 1, Time 40 seconds

Fill in Blanks

15: Do the right things (is _____),and do the things right (is _____).

Marks 1, Time 60 seconds

16: The most critical ability in Object Oriented development is to _____ to software objects.

Marks 1, Time 60 seconds

17: Agile process provide _____ development .

Marks 1, Time 60 seconds

18: Requirements of response time, throughput, accuracy, availability and resource usage covered in _____ category of FURPS+.

Marks 1, Time 60 seconds

19: The Unified Process encourage a combination of _____ driven and client-driven iterative planning

Marks 1, Time 60 seconds

20: Agile modeling emphasize that _____ should do the object oriented design

Marks 1, Time 60 seconds

ON Paper

Draw the UC diagram of your Semester Project and mention the use cases which are assigned to you.

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Quiz 1 4A Solution

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True/False

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Marks 1, Time 40 seconds

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Marks 1, Time 40 seconds

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Marks 1, Time 40 seconds

14: Identify and drive down the lowest risks. Early iterations focus on building, testing, and stabilizing the core architecture **False**

Marks 1, Time 40 seconds

Fill in Blanks

15: Do the right things (is _____),and do the things right (is _____). [**analysis, design**]

Marks 1, Time 60 seconds

16: The most critical ability in Object Oriented development is to _____ to software objects. [**assigning resposibilites**]

Marks 1, Time 60 seconds

17: Agile process provide _____ development . [**sustainable**]

Marks 1, Time 60 seconds

18: Requirements of response time, throughput, accuracy, availability and resource usage covered in _____ category of FURPS+. [**Performance**]

Marks 1, Time 60 seconds

19: The Unified Process encourage a combination of _____ driven and client-driven iterative planning [**risk**]

Marks 1, Time 60 seconds

20: Agile modeling emphasize that _____ should do the object oriented design [**developers**]

Marks 1, Time 60 seconds

Solution for Paper

UC Diagram of Post or any other case study.