**UML Test part-II** Time: 30 mins

Q1. Which diagram depicts the constituents of a software system groped together based on a specific criteria?

1. Component diagram
2. Sequence diagram
3. Package diagram
4. Deployment diagram

Q2. The application can be logically portioned into-

1. Classes
2. Subsystems
3. System
4. Module

Q3. Which symbol indicates the constituent is private and as a result is not accessible to the constituents outside the package?

1. –
2. +
3. #
4. $

Q4.Which is not the technique of modeling the components of a software system?

1. Source code modeling
2. Class modeling
3. Executable file modeling
4. Database modeling

Q5. In UML node is represented by

1. 3-D rectangular box
2. Oval
3. 2-D figure
4. Triangle

Q6. Which of the following diagrams is used to visualize the hardware on which the software components need to be deployed?

1. Package diagram
2. Component diagram
3. Deployment diagram
4. Interaction overview diagram

Q7. Set of principles and guidelines that provide the standard solution to a given problem is known as

1. Responsibility
2. Pattern
3. Components
4. Methods

Q8. What is the full form of GRASP?

1. General roles assignment software pattern
2. General responsibility assignment software patterns
3. General responsibility assignments system patterns
4. General roles assignments system patterns

Q9. What is creator pattern?

1. Which provides the guidelines for assigning respobsibility to a new object of a class.
2. Which provides the guidelines for handling system events.
3. Which provide the techniques for creating objects .
4. Which describes the class .

Q10. A composite pattern represents

1. Simple object
2. Complex object
3. Class
4. Subclass

Q11. Which is not a behavioral pattern?

1. Chain of responsibility
2. Command
3. Rule
4. Observer

Q12.Which of the following pattern provides guidelines to assign responsibility to a class that contain the relevant information?

1. Expert
2. Creator
3. Controller
4. Structural

Q13. Which of the following structural design patterns simplifies the software development by providing simplified interface?

1. Proxy
2. Decorator
3. Composite
4. Facade

Q14. The goal of the quality process is to

1. Examine the quality
2. Developing the model
3. Developing classes
4. Developing the system

Q15.which is not among the three dimension of quality process?

1. Technology
2. Methodology
3. Psychology
4. Sociology

Q16.which of theh following quality checks ensures that the series of activities and tasks performed to develop software products are correct?

1. Code quality
2. Process quality
3. Management quality
4. Model or architectural

Q17.

What does this notation specifies?

1. Role
2. Flow of activity
3. Task
4. Output

Q18.

What does this notation specifies

1. Task
2. Role
3. Output
4. Process component

Q19. Which of the following process components indicates the execution of a sequence of process components with varying intensity?

1. Iteration
2. Output
3. Task
4. Activity

Q20.what will extend the vocabulary of UML?

1. Constraints
2. Tagged values
3. Stereotypes
4. Data

Q21. Which is not the process component of the software development process?

1. Requirement modeling
2. Coding
3. System designing
4. Making diagrams

Q22. What is CAF?

1. Calculating adjustment factor
2. Component adjustment factor
3. Component adjustment file
4. Calculating adjustment file

Q23. Total unadjusted FP count(TUFP)

1. TUFP= sum of data FPs - sum of transaction FPs
2. TUFP= sum of data FPs \* sum of transaction FPs
3. TUFP= sum of data FPs / sum of transaction FPs
4. TUFP= sum of data FPs + sum of transaction FPs

Q24. What is AFP?

1. Approximate function point
2. Approximate function project
3. Adjustment function point
4. Adjustment function project

Q25. Formula for AFP is

1. AFP =(TUFP+ CFP) \* VAF
2. AFP =(TUFP+ CFP) -VAF
3. AFP =(TUFP+ CFP) / VAF
4. AFP =(TUFP\* CFP) + VAF