Software engineering

1)SE is driven by three major factors, namely cost, quality and

productivity

schedule

effort

quantity

2) The _____ model is well suited for projects that require a large number of features to be developed in a short time around a stable technologies.

Prototyping

Iterative Enhancement

Spiral

Timeboxing

3)The goal of SE is "To produce a _____ Software at low cost"

high quality

low quality

acceptable quality

Working

4)Software has no any physical characteristics like

mass

color

weight

all of these

5)_____ is the systematic approach to the development, operation, maintenance and retirement of software.

Software Process

Software Development

Software Engineering

6)The cost of a software project is often measured in terms of -

KiloByte

person-months

average-effort

7)The starting point of the software development activity is -

Coding

SRS

Design

Testing

8)To obtain a thorough understanding of what the software needs to provide is the purpose of

- **Problem/Requirement Analysis**
- Requirement Specifications
- Requirement Verification
- None of these

9)COCOMO stands for

- COnstructive COach MOdel
- COmmon COst MOdel
- **COnstructive COst MOdel**
- COnstructive COrona MOdel

10)_____ is defined as an exposure to the chance of injury or loss

- Accident
- **Risk**
- Error
- Fault

11)_____ is something that the product must do or a quality that the product must have.

- Response Time
- **Requirement**
- Reliability
- None of these

12)_____ of a system is essentially a blueprint, or a plan for solution for the system.

- Coding
- SRS
- **Design**
- Model

13)Modules which are needed for the system are identified during _____ design.

- Detailed or Logic
- Architectural
- **System or Top level**
- None of these

14)Modularity helps in -

- system debugging
- system repair
- system building
- **all of these**

15)Strength of interconnections between modules (i.e. a measure of interdependent among modules) is known as _____.

- Cohesion

- **Coupling**

- Abstraction
- None of these

16)Which one of the followings is the highest level of coupling?

- **Content Coupling**
- Control Coupling
- Data Coupling
- Common Coupling

17)_____ is the process of executing a program with the intent of finding errors

- Coding
- **Testing**

-
  - Desiging
  - Debugging

18)UML stands for

- **Unified Modeling Language**
-
  - Unified Mock Language
  - Union Modeling Language
  - Unified Machine Language

19)If every requirement stated in the Software Requirement Specification (SRS) has only one interpretation, SRS is said to be

- correct
-
- complete
- **unambiguous**
- verifiable

20)LOC means

- Lines Of Control
- **Lines Of Code**
-
- Lines Of China
- Lines Of Critical

21)If requirements are easily understandable and defined then which model is best suited?

- Spiral model
-
- **Waterfall model**
- Prototyping model
- None of the above

22)The kind of testing is performed during Software Maintenance is known as -

- Maintenance Testing
- **Regression Testing**
-
- Alpha Testing
- Beta Testing

23)Which one of the followings is considered as most critical and time consuming activity in software development?

- Analysis
- Design
- Coding
-
- **Testing**

25)The term 'Actor' is used in

- Data Flow Diagram
- Bar Chart
- **Use Case Diagram**
-
- Context Diagram

26)WBS stands for

- Work Break Session
- Weather Breakdown System
- **Work Breakdown Structure**
-
- Work Breakdown Software

27)Components of an SRS includes -

- Performance
- Functionality
- Design Constraints
- **all of these**

28)In COCOMO model, there are _____ multiplying factors.

- 5
-
- **15**
- 50

- 10

29)TDD means

- **<u>Test Driven Development</u>**
-
- Test Directed Development
- Team Driven Development
- Team Driven Decoration

30)The term _____ means a particular method of doing something, generally involving a number of steps or operations.

- Project
- **<u>Process</u>**
- Product
- Planning

30)The concept of "Project Control List" is used in

- Project Planning
- Software Design
- Software Coding
- **<u>None of these</u>**