

# Code Quality - Java Assignment

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Q1. Who invented Git - A version control system?

- a. Tim Cook
- b. Linus Torvalds
- c. Sundar Pichai
- d. Reed Hastings

**Answer: (b) Linus Torvalds**

Q2. When was Java founded?

- a. 2000
- b. 1995
- c. 2005
- d. 2021
- e. Still not found

**Answer: (b) 1995**

Q3. Java is suitable for building \_\_\_\_\_?

- a. Enterprise grade applications
- b. Data engineering applications

**Answer: (a) Enterprise grade applications**

Q4. Apple Operating System is based on :-

- a. Windows
- b. Unix(Linux)
- c. Java
- d. Php

**Answer: (b) Unix (Linux)**

Q5. Do we have iterations in the Waterfall model development process?

- a. Yes
- b. No

**Answer: (b) No**

Q6. Full form of RHEL?

**Answer: Red Hat Enterprise Linux operating system.**

Q7. Which feature doesn't fall under code quality?

- a. Reliability
- b. Maintainability
- c. Security
- d. Abstraction

**Answer: (d) Abstraction**

Q8. What casing does Java follow?

- a. Camel Casing
- b. Pascal Casing
- c. Both the above two options
- d. Snake Casing
- e. Kebab Casing

**Answer: (c) Both the above two options**

Q9. Which file extension makes Java platform independent

- a) .exe
- b) .class
- c) .java
- d) None

**Answer: (b) .class**

Q10. Java was initially owned by which company?

- a) Bell Labs
- b) Sun Microsystems
- c) Oracle
- d) Google

**Answer: (b) Sun Microsystems**

Q11. Which company owns java at present?

- a. IBM
- b. Microsoft
- c. Sun microsystems
- d. Oracle

**Answer: (d) Oracle**

- Q12. Agile Software Development is based on
- a) Incremental Development
  - b) Iterative Development
  - c) Linear Development
  - d) Both Incremental and Iterative Development

**Answer: (d) Both Incremental and Iterative Development**

- Q13. Who invented Java?
- a. Linus Torvalds
  - b. Larry Page
  - c. James Gosling
  - d. Dennis Ritchie

**Answer: (c) James Gosling**

- Q14. Which one of the following models is not suitable for accommodating any change?
- a) Build & Fix Model
  - b) Prototyping Model
  - c) RAD Model
  - d) Waterfall Model

**Answer: (d) Waterfall Model**

- Q15. In agile software processes the highest priority is to satisfy the customer through early and continuous delivery of valuable software.
- a. True
  - b. False

**Answer: (a) True**

Q16. Which is the most secure OS?

- a) Windows
- b) Red Hat Linux (Linux)
- c) MacOS

**Answer: (b) Red Hat Linux (Linux)**

Q17. Which of the following are the advantages of Agile software development life cycle?

- a) Enables concurrent development and delivery within an overall planned context.
- b) Functionality can be developed rapidly and demonstrated.
- c) Peer/Pair Programming
- d) Easily accommodates change.
- e) All of the above

**Answer: (e) All of the above**

Q18. Which of the following coding issues a compiler cannot detect?

- a) Inconsistent code structure
- b) Syntactic issues
- c) Code complexity
- d) Both a) and c)

**Answer: (d) Both (a) and (c)**

Q19. Which testing is performed to ensure that the code changes that are made are working as properly

- a) Smoke testing
- b) Unit testing
- c) Sanity testing
- d) Functional testing

**Answer: (c) Sanity testing**

Q20. Which of the following is true of exhaustive testing?

- a) Generally infeasible in practice
- b) Tests all possible inputs
- c) Both
- d) None

**Answer: (b) Both**

Q21. What is the purpose of the standard style of coding?

- a) Uniform look of the codes
- b) Easy to code understanding
- c) Encourages good programming practices
- d) All of above

**Answer: (d) All of above**

Q22. What are the limitations of the Waterfall model?

- a) Requirements not adapted at a later stage
- b) A client focussed model
- c) Concurrent execution of phases is not allowed
- d) Both a) and c)

**Answer: (d) Both (a) and (c)**

Q23. What is the main aim of DRY principle in java?

- a) clarity
- b) portability
- c) reducing repetition
- d) readability

**Answer: (c) reducing repetition**

Q24. Who Invented Linux Operating System

- a. Paul Allen
- b. Linus Torvalds
- c. Donald Becker
- d. Donald Trump

**Answer: (b) Linus Torvalds**

Q25. The time period of sprint we generally use in Agile methodology is \_\_\_\_\_

- a. 12 days
- b. 1 week
- c. 4 weeks
- d. 2 weeks

**Answer : (d) 2 weeks**

Q26. STLC stands for \_\_\_\_\_?

**Answer: Software Testing Life Cycle**

Q27. Which sdlc model does not accommodate any changes ?

- a. Waterfall
- b. Agile

**Answer : (a) Waterfall**

Q28. Agile methods seem to work best when team members have a relatively high skill level.

- a) True
- b) False

**Answer : (a) True**

Q29. Which of the following languages is faster in execution?

- a) Java
- b) Scala

**Answer : (b) Scala**

Q30. Which of the following is a tool used for automation testing?

- a) Git
- b) Selenium
- c) Eclipse
- d) Both b and c

**Answer : (b) Scala**

Q31. Which of the following does not apply to agility to a software process?

- a. Uses incremental product delivery strategy
- b. Only essential work products are produced
- c. Eliminate the use of project planning and testing
- d. All of the mentioned

**Answer : (c) Eliminate the use of project planning and testing**



Q32. Improving the design of existing code without changing its observable behaviour is called \_\_\_\_\_?

**Answer : Refactoring**

Q33. Which is immutable here:

- a.) int
- b.) char
- c.) Boolean
- d.) double

**Answer: (c) Boolean**

Q34. What is the preferred naming for variable in java

- a) myvariable
- b) myVariable
- c) MyVariable
- d) MYVARIABLE

**Answer: (b) myVariable**