

Java Code quality Assignment

Q1. Who invented Git - A version control system?

- a. Tim Cook
- b. Linus Torvalds
- c. Sundar Pichai(Only Indian in the list)
- d. Reed Hastings

Answer: (b) Linus Torvalds

Q2. When was Java founded?

- a. 2000
- b. 1995
- c. 2005
- d. 2021 (at least for me, LoL)
- e. Still not found (:error404)

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

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

Ans. (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: (a) 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: (c) Both

Q21. What is the purpose of 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

Q23. 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

Q24. what is the main aim of the DRY principle in java?

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

Answer : (c) reducing repetition

Q25. Who Invented Linux Operating System

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

Answer: (b) Linus Torvalds

Q27. 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

Q28. SDLC stands for _____? : **Software Development Life Cycle**

Q29. Which sdlc model does not accommodate any changes ?

- a. Waterfall
- b. Agile

Answer : (a) Waterfall

Q32. Agile methods seem to work best when team members have a relatively high skill level.

- a. True
- b. False

Answer : (a) True

Q34. Which of the following languages is faster in execution?

- a. Java
- b. Scala

Answer : (b) Scala

Q36. Which of the following is a tool used for automation testing?

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

Answer : (b) Selenium

Q37. 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: (a) Eliminate the use of project planning and testing

Q38. improving the design of existing code without changing its observable behaviour is called

Answer: Refactoring

Q39. Which is immutable here:

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

Answer : (c) Boolean

Q40. What is the preferred naming for variable in java

- a. myvariable
- b. myVariable

- c. MyVariable
- d. MYVARIABLE

Answer : (b) myVariable