

Code Quality Java 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.

- 1. True
- 2. False

Answer. (1) 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: (b) Unit 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 focused model
- c) Concurrent execution of phases is not allowed

Answer: 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) reduction 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. STLC stands for _____?

Answer: Software Testing Life Cycle

- Q29. Which sdlc model does not accommodate any changes ?
- a. Waterfall
 - b. Agile

Answer: (a) Waterfall

- Q32. Agile methods seem work best when team members have 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: (c) 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