

# 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

Q2. When was Java founded?

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

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

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

Q4. Apple Operating System is based on :-

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

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

- a. Yes
- ☒ b. No

Q6. Full form of RHEL?

Ans. Red Hat Enterprise Linux

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

- a. Reliability
- b. Maintainability
- c. Security
- ☒ 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

Q9. Which file extension makes Java platform independent

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

Q10. Java was initially owned by which company?

- a) Bell Labs
- ☒ b) Sun Microsystems
- c) Oracle

d) Google

Q11. Which company owns java at present?

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

Q12. Agile Software Development is based on

- a) Incremental Development
- b) Iterative Development
- c) Linear Development
- ✓ d) Both Incremental and Iterative Development

Q13. Who invented Java?

- a. Linus Torvalds
- b. Larry Page
- ✓ c. James Gosling
- d. Dennis Ritchie

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

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

- ☒ True  
2. False

Q16. Which is the most secure OS?

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

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

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)

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

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

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

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

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)

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

- a) Clarity

b) Portability

☒ Reducing repetition

d) Readability

Q25. Who Invented Linux Operating System

a. Paul Allen

☒ Linus Torvalds

c. Donald Becker

d. Donald Trump

Q27. The time period of sprint we generally use in Agile methodology is \_\_\_\_\_

a. 12 days

b. 1 week

c. 4 weeks

☒ 2 weeks

Q28. SDLC stands for \_\_\_\_\_? :

Q29. Which sdlc model does not accommodate any changes ?

a. Waterfall

☒ Agile

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

☒ True

b) False

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

- a) Java
- ☒ 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

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

Q38. Improving the design of existing code without changing its observable behaviour is called \_\_\_\_\_? :

Ans. Refactoring

Q39. Which is immutable here:

a.) int

b.) char

☒ c.) Boolean

d.) double

Q40. What is the preferred naming for variable in java

a) myvariable

☒ b) myVariable

c) MyVariable

d) MYVARIABLE