Submitted by-

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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

✓ a) Waterfall Model

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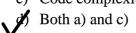
✓ 1. True
2. False

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
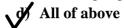b) unit testing
c) Sanity testing ✓
d) Functional testing

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

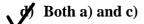a) Generally infeasible in practice
b) Tests all possible inputs
c) **Both** ✓
d) None

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

✓ c) Reducing repetition

d) Readability

Q25.   Who Invented Linux Operating System

       a. Paul Allen
✓   b. 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
✓   d. 2 weeks

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

Q29.   Which sdlc model does not accommodate any changes ?

✓   a. Waterfall
       b. Agile

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

✓ a) 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