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?
Ans : Red Hat Enterprise Linux
Q7. Which feature doesn't fall under code quality?
a Reliability

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

Ans: 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

Ans: (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

Ans. (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

Ans. (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

Ans: 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
- 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
Ans: c) reducing repetition
Q25. Who Invented Linux Operating System
a. Paul Allenb. Linus Torvaldsc. Donald Beckerd. Donald Trump
Answer: (b) Linus Torvalds
Q27. The time period of sprint we generally use in Agile methodology is
a. 12 daysb. 1 weekc. 4 weeksd. 2 weeks
Ans: 2 weeks
Q28. SDLC stands for?: Software Development Life Cycle
Q29. Which sdlc model does not accommodate any changes?
a. Waterfallb. Agile
Ans: a) Waterfall
Q32. Agile methods seem to work best when team members have a relatively high skill level.
a) True
b) False
Ans: a) True
Q34. Which of the following languages is faster in execution?

Ans: (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
Ans: (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
Ans: A) Eliminate the use of project planning and testing
Q38. improving the design of existing code without changing its observable behaviour is called?: Refactoring
Q39. Which is immutable here:

a) Javab) Scala

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

Ans:- c) Boolean

Q40. What is the preferred naming for variable in java

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

Ans - b (myVariable)