

Assessment 3

- Q1. Which of the following interface is used while creating a thread?
- A. Throwable
 - B. Runnable
 - C. Comparable
 - D. Iterable
- Q2. Which of the following is TRUE for multi-threading?
- A. The first thread to finish task cannot be predicted.
 - B. Threads share memory with other thread in same JVM.
 - C. Thread once dead cannot be started again.
 - D. All of the options.
- Q3. State TRUE/FALSE:
- PreparedStatement compiles SQL Queries before sending it to database for execution.
- Q4. Which of the following method SHOULD BE invoked to get results from SQL SELECT query?
- A. execute()
 - B. executeUpdate()
 - C. getResults()
 - D. executeQuery()
- Q5. Which of the following exception must be handled while loading JDBC Driver?
- A. SQLException
 - B. ClassNotFoundException
 - C. ClassCastException
 - D. ClassLoaderException
- Q6. Which of the following is correct method to override in thread?
- A. public void thread()
 - B. public void task()
 - C. public void run()
 - D. public void start()
- Q7. Which of the following method would put current thread on wait till the targeted (child) thread completes its job?
- A. join()
 - B. wait()
 - C. yield()
 - D. stop()
- Q8. Which of the following property provides DB Server's IP address and name of database vendor?
- A. DriverClass

- B. Username
- C. Password
- D. URL

Q9. Complete the sentence:

_____ is a special type of relation where one object contains another one, and the contained object cannot exist outside the container object.

- A. Inheritance
- B. Aggregation
- C. Composition
- D. Realization

Q10. State TRUE/FALSE:

Entity classes usually encapsulate the various interfaces of a system.

Q11. Which of the following is NOT a creational pattern?

- A. Singleton
- B. Abstract Factory
- C. Singleton
- D. Decorator

Q12. Complete the sentence:

_____ patterns let you compose classes or objects into larger structures.

- A. Creational
- B. Structural
- C. Behavioural
- D. Abstract

Q13. Which of the patterns allow you to convert the interface of an object into another interface (which the client expects).

- A. Adapter
- B. Bridge
- C. Proxy
- D. Façade

Q14. State True/False:

Agile manifesto clearly favors processes and tools over individuals and interactions.

Q15. Which of the following is NOT an agile principle?

- A. Welcome changing requirements
- B. Deliver working software frequently

- C. Face to face conversation.
- D. All of the options

Q16. Which of the following is NOT agile methodology?

- A. Scrum
- B. XP
- C. Spiral
- D. Kanban

Q17. Which of the following agile role takes care of building product backlog?

- A. Scrum Master
- B. Team Lead
- C. Tech Lead
- D. Product Owner

Q18. Complete the sentence:

_____ is a list where all details are entered to get end product.

- A. Scrum Backlog
- B. Product Backlog
- C. Sprint Backlog
- D. User Stories

Q19. State TRUE / FALSE:

Waterfall is a Non-Linear development model.

Q20. Which of the following method (annotation) would execute once per test class?

- A. @Before
- B. @After
- C. @AfterClass
- D. @Test

Q21. Which of the following is Test Runner responsible for execution of Parameterized Test cases?

- A. Suites
- B. Junit4Runner
- C. Junit4Starter
- D. Parameterized

Q22. Which of the following exception is raised by Assert* methods when expected doesn't match with actuals?

- A. AssertException
- B. AssertionError
- C. AssertionException
- D. AssertFailedError

Q23. Which of the following Component of Junit actually responsible to create instance of test classes, invoke before, after methods and launch test methods?

- A. Test Runner
- B. Assert Methods
- C. Test annotations
- D. None of the above

Q24. Which of the following are rules for creating test case methods?

- A. Method must be private
- B. Methods must return void
- C. Method must have atleast one parameter
- D. None of the above

Q25. Which of the following method would check if TWO reference variables are actually accessing same object?

- A. assertEquals
- B. assertSame
- C. assertThat
- D. assertInstanceOf