MCQ question 0n BDD, TDD, Cucumber with Selenium

Each question carry single marks MM-70

Answers can be single choice or multiple Duration- 70 mins

1. Which method is used to find an Object uniquely on any web Page?
   1. getTitle()
   2. findElements(By locator)
   3. findElement(By locator)
   4. searchElementById(String id)
2. Which is a design pattern which has become popular in test automation for enhancing test maintenance and reducing code duplication?
   1. Page object Model
   2. Test Class
   3. page Factory
   4. Selenium
3. What are the advantages of Page Object Model?
4. Independent object Repository
5. Readability
6. Supports Selenium Frameworks
7. All the above
8. \_\_\_\_\_\_\_\_\_\_\_\_\_is a way to initialize the web elements you want to interact with within the page object when you create an instance of it.
9. Page Object Model
10. Test class
11. Page Factory
12. Page Action Class

5. What are the advantages of Page Object model (POM)?

1. Offering the “services.
2. It can separate the page operations from complicated business logic in the test case.
3. You only need to update the page object rather than tens or hundreds of test cases.
4. All the above

6. What are the steps included in the Page Object Model (POM) Architecture?

1. Page
2. Selenium WebDriver
3. PageObject Class
4. Tests
5. All the above

7. PageObjects introduces an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ layer within your Selenium tests and it provides a programmatic API to drive and interact with UI.

1. Abstraction
2. Inheritance
3. Both a&b
4. None

8. Page object model (POM. can be used in which kind of framework?

1. modular
2. data-driven
3. keyword driven
4. All of the above
5. What are the files required to execute a Cucumber test scenario?
6. Features
7. Step Definition
8. Both A and B
9. None
10. The acceptance tests are written in English-like language called
11. Step-Definition
12. Gherkin
13. Scenario
14. None
15. What are the benefits of Cucumber?
16. It is helpful to involve business stakeholders who can’t easily read code
17. Cucumber focuses on end-user experience
18. Style of writing tests allow for easier reuse of code in the tests
19. All of the above
20. In which programming language was Cucumber originally developed?
    1. Ruby
    2. Selenium
    3. Diamond
    4. Mercury
21. What are the advanced framework design that can be used with Cucumber?
    1. Page Object Model
    2. Log 4j
    3. Extent Reporting
    4. All of the above
22. JUnit is used for what type of software testing for the Java language?
    1. Integration Testing
    2. Unit Testing
    3. System Testing
    4. Functional Testing
23. Which annotation implies that a method is Junit test case?
    1. @org.Test
    2. @testcase
    3. @org.junit.Test
    4. @junit
24. Cucumber acts more like an\_\_\_\_\_\_\_ framework.
    1. execution
    2. conjunction
    3. developer
    4. customer
25. The scenarios defined are based on the\_\_\_\_\_\_\_\_ .
    1. company standards
    2. features
    3. user stories and features
    4. developer requirements
26. Feature file is tested as a \_\_\_\_\_\_\_\_.
    1. White-box testing
    2. End2End\_Test
    3. Executable
    4. JUnit Test
27. To get the steps automatically generated, we need to execute\_\_\_\_\_\_\_\_\_ class.
    1. JUnit Test
    2. Executable
    3. TestRunner
    4. End2End\_Test
28. Which file extension do all Gherkin files have?
29. closure
30. feature
31. doc
32. com
33. In webdriver, which of the following is a valid select statement that selects a value from a drop down element?
34. selectByIndex()
35. selectByVisibleText()
36. selectByValue()
37. all above
38. none of above
39. In webdriver, which command takes you forward by one page on the browser’s history?
40. navigate.forward()
41. Navigate()\_forward()
42. navigate().forward
43. Navigate().forward()
44. navigate\_forward()
45. What is return type of driver.get(String url) method in Selenium.
46. String
47. void
48. nothing
49. empty space
50. Which part of SafariDriver is responsible for communicating with the Webdriver client?
51. injected script
52. global extension
53. Depends upon AUT
54. page script
55. The WebDriver method that helps to change focus to an alert, a frame or a browser window is referred as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
56. switchTo()
57. changeFocus()
58. setFocus()
59. changeTo()
60. In Webdriver, what is the method that counts the number of elements?
61. driver.findElement(By.id("search")).length()
62. driver.findElement(By.id("search")).getCount()
63. drivergetCountOfElements()
64. driver.findElements(By.id("search")).size()
65. Which of the following is a not headless browser?
66. Safari
67. PhantomJS
68. Splash
69. HtmlUnit
70. Which of the following referes to the GhostDriver?
    1. WebDriver driver = new SafariDriver();
    2. WebDriver driver = new OperaDriver();
    3. WebDriver driver = new PhantomJSDriver();
    4. WebDriver driver = new FirefoxDriver();
71. An interface which provides mechanism to execute Javascript through selenium driver is called?
    1. Javascript Executor
    2. Javascript Driver
    3. Javascript Injector
    4. Javascript Selenium
72. The Selenium RC Server acts as a "middleman" between \_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_
    1. Selenium commands and selenium requests
    2. Selenium requests and your browser
    3. Selenium commands and your browser
    4. Selenium requests and Selenium Core
73. Which of the following are correct methods?
74. findElement(By.id());
75. findElement(By.name());
76. findElement(By.cssSelector());
77. All of them
78. CSS selector is muchfaster than the Xpath?
79. True
80. False
81. Which of the following is not the functionality of SendKeys()?
82. Sending special characters
83. Key events to WebDriver
84. Uploading a file
85. printing values
86. Which of the following is correct about Prompt Alerts?
87. alert come with OK button on them
88. alert come with an option to accept or dismiss the alert
89. alert come with an option to add text
90. none of them
91. Purpose of selectByVisibleText?
92. to select the option based on index given by the user
93. to select the options that have a value matching with the given argument by the user
94. to select all options that display text matching the given argument
95. All of them
96. Which of the following command is used to navigate to a page without refreshing the page?
    1. get()
    2. navigate().to()
    3. both a and b
    4. none of these
97. Selenium recognizes windows based alerts.
    1. True
    2. False
98. Selenium 2 is merge of
99. Selenium IDE and Selenium RC
100. Selenium RC and Webdriver
101. Selenium Grid and Selenium RC
102. Selenium IDE and Selenium Grid
103. What script are used in Selenium IDE
104. CSS
105. Angular
106. Typescript
107. JavaScript
108. Selenium Grid greatly improves the time it takes to run your suite by making use of
109. Batch processing
110. parallel processing
111. Servers
112. Eclipse
113. In webdriver, which of the following commands retrieves the text of a html element?
114. getText()
115. selectText()
116. getElementText()
117. getText(WebElement)
118. In webdriver, which method closes the open browsers?
119. quit()
120. terminate()
121. shutdown()
122. close()
123. Selenium:
124. Selenium does not automate browsers
125. It is a portable testing API for web applications
126. It is Open Source and Freeware
127. It doesn’t Supports multiple browsers & OS
128. Select the language which is NOT supported by the Selenium RC
     1. ASP
     2. Java
     3. C#
     4. PHP
129. The Web driver is used for
130. To execute tests on the HtmlUnit browser.
131. To design a test using Selenese
132. To quickly create tests
133. To test a web application against Firefox only.
134. Selenium IDE stands for

a.Selenium Intialization Development Environment

b.Selenium Interrelated Development Environment

c.Selenium Integrated Development Environment

d.Selenium Information Development Environment

1. Cucumber supports \_\_\_\_\_\_ which are blocks of code that run before or after each scenario
   1. tags
   2. hooks
   3. cookies
   4. connections
2. \_\_\_\_\_\_\_\_\_\_ in Cucumber is used to define a step or series of steps which are common to all the tests in the feature file.
   1. Step Definition
   2. Scenarios
   3. Background
   4. Cookies
3. @After defines which of the following?
   1. Start browser and Clear the cookies
   2. Close the browser
   3. Print the closing logs
   4. both b and c
4. Special Character \_\_\_\_\_\_ is used to skip the tags

a. !

b. \*

c.~

d. &

1. When using a after hook if the test case fails then hook will execute for sure.
   1. true
   2. false
2. What is the function of @after hook
   1. executed before any other scenario
   2. clearing browser cookies
   3. executed after executing scenario
   4. executed after executing test case
3. What are the advanced framework design that can be used with Cucumber?
4. Bootstrap
5. Log4j
6. Semantic-UI
7. All of the above mentioned
8. \_\_\_\_\_\_\_\_\_ is defined as a standalone unit or functionality of a project. (
   1. Scenario
   2. Feature
   3. Description
   4. Given
9. In cucumber, \_\_\_\_\_\_ are used to handle large amount of data ?
   1. Scenario Outline
   2. Data Tables
   3. Dry Run
   4. Monochrome
10. \_\_\_\_\_\_ allows cucumber to check every Stepmentioned in the Feature File have corresponding code written in Step Definition file or not.
    1. Monochrome
    2. Format
    3. Description
    4. Dry Run
11. Which helps Cucumber to locate the Step Definition file ?
    1. Format
    2. Glue
    3. Map of lists
    4. Locator
12. What are the advantages of Cucumber?
13. Cucumber acceptance tests are written from user’s perspective
14. Team Collaboration (Product owners, business analysts, developers,
15. testers are all involved in writing scenarios)
16. Tests are written in plain-text English so people with less technical
17. skills can also write scenarios
18. All of these
19. Cucumber was released in the year of
20. 2015
21. 2013
22. 2014
23. 2008
24. What comes after the Feature keyword till the next keyword is encountered:
    1. Scenario
    2. feature Description
    3. When
    4. Then
25. Test step execution, which represent with \_\_\_\_ keyword
    1. Given
    2. When
    3. Example
    4. Then
26. placeholder can be identified by text surrounded by
    1. " "
    2. {}
    3. <>
    4. []
27. Gherkin can be written in how many spoken languages \_\_\_\_\_\_\_\_
28. Gherkin is based on
    1. TReeTop Grammar
    2. Contxt Free Grammar
    3. English Grammar
    4. Tree Grammar
29. which of the following are Gherkin Keywords?
    1. Scenario definition
    2. outline
    3. example
    4. Then
30. Single Gherkin source file can have a description of the multiple features.
    1. True
    2. False
31. The scenarios explain how a given feature should behave in different situations with different input parameters they are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
32. Guide Specifications
33. Executable Specifications
34. c)Project Specifications
35. Product SpecificationS
36. What is BDD?
37. Behavior Data Driven
38. Business Description database
39. Behavior Description Driven
40. Business Driven database
41. What are the benefits of Cucumber?
    1. Cucumber supports writing specifications in 30 spoken language
    2. It is a java script framework for TDD
    3. It lets us define application behavior in plain language jerkin
    4. None of the above
42. SpecFlow is:
    1. SpecFlow is uses plain English in the Gherkin format to express user stories.
    2. Specflow is a .NET based framework
    3. Specflow is a JAVA based framework
    4. SpecFlow uses eclipse IDE to create/execute test scenarios