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1. What is the primary purpose of the desiredCapabilities object in Appium?

- A. To configure device settings
- B. To define server configurations
- C. To specify the required capabilities for the Appium session
- D. To handle test data

Answer: C: To specify the required capabilities for the Appium session

2. Which Appium command is used to retrieve the current context of the app?

- A. getContext()
- B. driver.getCurrentContext()
- C. driver.context()
- D. currentContext()

Answer: B: driver.getCurrentContext()

3. In Appium, what is the purpose of the driver.lock() method?

- A. Locks the screen of the mobile device
- B. Locks the orientation of the screen
- C. Locks an element on the screen
- D. Locks the application

Answer: A: Locks the screen of the mobile device

4. Which capability is used to specify the orientation of the app (portrait or landscape) in Appium?

- A. appOrientation
- B. deviceOrientation
- C. orientation
- D. screenOrientation

Answer: C: orientation

5. Which method in Appium is used to perform a scroll action until a specific element is found?

- A. scrollUntil
- B. driver.scrollToElement()
- C. scrollTo()
- D. findElementByScroll()

Answer: D: findElementByScroll()

6. What does the touchPerform method do in Appium?

- A. Performs a sequence of touch actions
- B. Performs a single tap action
- C. Performs a swipe action
- D. Performs a drag and drop action

Answer: A: Performs a sequence of touch actions

7. Which of the following is NOT a valid strategy for locating elements in Appium?

- A. Accessibility ID
- B. Class Name
- C. Tag Name
- D. iOS Predicate String

Answer: C: Tag Name

8. In Appium, which method is used to check if an element is enabled?

- A. isEnabled()
- B. isElementEnabled()
- C. checkEnabled()
- D. elementEnabled()

Answer: B: isEnabled()

9. Which Appium capability specifies whether to install the app on the device if it is not already installed?

- A. installApp
- B. autoInstall
- C. noReset
- D. installIfNotPresent

Answer: D: installIfNotPresent

10. What is the function of the shake() method in Appium?

- A. Simulates a shake gesture on the device
- B. Shakes an element on the screen
- C. Shakes the application window
- D. Resets the orientation of the device

Answer: A: Simulates a shake gesture on the device

11. Which capability is used to specify the app activity to wait for before continuing in Appium?

- A. appWaitActivity
- B. appActivity
- C. waitForActivity
- D. appIdleActivity

Answer: A: appWaitActivity

12. In Appium, what does the scroll method do on iOS devices?

- A. Scrolls to a specific text
- B. Scrolls to a specific element by ID
- C. Scrolls horizontally
- D. Scrolls vertically

Answer: D: Scrolls vertically

13. Which Appium capability is used to specify the timeout for new commands?

- A. commandTimeout
- B. newCommandTimeout
- C. sessionTimeout
- D. timeout

Answer: B: newCommandTimeout

14. Which method in Appium is used to take a screenshot and save it to a file?

- A. takeScreenshot()
- B. driver.saveScreenshot()
- C. saveScreenshot()
- D. driver.takeScreenshot()

Answer: D: driver.takeScreenshot()

15. What is the purpose of the location method in Appium?

- A. To set the GPS location
- B. To retrieve the current GPS location
- C. To change the location of an element
- D. To check the location of the Appium server

Answer: B: To retrieve the current GPS location

16. Which Appium capability allows you to specify the name of the app to be tested if it's already installed on the device?

- ' A. appName
- B. bundleId
- C. appPackage
- D. appActivity

Answer: B: bundleId

17. In Appium, which method is used to switch to a specific window?

- A. driver.switchTo().window()
- B. switchToWindow()
- C. driver.changeWindow()
- D. switchWindow()

Answer: A: driver.switchTo().window()

18. Which of the following is NOT a valid touch action in Appium?

- A. Tap
- B. Long Press
- C. Swipe
- D. Hover

Answer: D: Hover

19. Which Appium capability specifies whether to clear system files after a session?

- A. clearFiles
- B. clearSystem
- C. clearSystemFiles
- D. clearSessionData

Answer: C: clearSystemFiles

20. What is the function of the `pressKeyCode` method in Appium for Android devices?

- A. Presses a hardware key on the device
- B. Simulates a key press in the app
- C. Enters a text input in the app
- D. Presses a soft key in the app

Answer: A: Presses a hardware key on the device

21. Which method in Appium is used to wait until an element is visible?

- A. `waitForVisibility()`
- B. `waitUntilVisible()`
- C. `waitForElementVisibility()`
- D. `waitUntilElementVisible()`

Answer: C: `waitForElementVisibility()`

22. Which Appium capability specifies whether to uninstall the app after the test session ends?

- A. `uninstallApp`
- B. `removeApp`
- C. `clearApp`
- D. `fullReset`

Answer: D: `fullReset`

23. In Appium, which method is used to execute JavaScript in a webview context?

- A. `executeJavaScript()`
- B. `runScript()`
- C. `executeScript()`
- D. `driver.runJavaScript()`

Answer: C: `executeScript()`

24. What is the function of the `driver.setNetworkConnection()` method in Appium?

- A. Sets the network connection type on the device
- B. Connects to a specific network
- C. Resets the network connection
- D. Retrieves the current network connection

Answer: A: Sets the network connection type on the device

25. Which Appium method is used to perform a drag and drop action?

- A. `dragAndDrop()`
- B. `performDrag()`
- C. `TouchAction.dragAndDrop()`
- D. `driver.dragAndDrop()`

Answer: C: `TouchAction.dragAndDrop()`

26. Which capability is used to specify the automation engine for Android in Appium?

- A. `automationEngine`
- B. `androidEngine`
- C. `automationName`
- D. `engineName`

Answer: C: `automationName`

27. Which Appium method is used to retrieve the current activity on an Android device?

- A. `getCurrentActivity()`
- B. `driver.getCurrentActivity()`
- C. `currentActivity()`
- D. `getActivity()`

Answer: B: `driver.getCurrentActivity()`

28. In Appium, which method is used to perform a doubletap action?

- A. doubleTap()
- B. performDoubleTap()
- C. TouchAction.doubleTap()
- D. driver.doubleTap()

Answer: C: TouchAction.doubleTap()

29. Which Appium capability specifies the interval between retry attempts for finding an element?

- A. findRetryInterval
- B. retryInterval
- C. elementRetryInterval
- D. interval

Answer: C: elementRetryInterval

30. What is the function of the setLocation method in Appium?

- A. Sets the GPS location of the device
- B. Sets the location of an element on the screen
- C. Sets the location of the Appium server
- D. Sets the location of the application window

Answer: A: Sets the GPS location of the device

31. Which Appium method is used to get the size of an element?

- A. getElementSize()
- B. driver.getElementSize()
- C. getSize()
- D. elementSize()

Answer: A: getElementSize()

32. In Appium, which method is used to execute a series of touch actions?

- A. performTouchActions()
- B. driver.performTouchActions()
- C. TouchAction.perform()
- D. performActions()

Answer: C: TouchAction.perform()

33. Which capability is used to specify the timeout for a single command in Appium?

- A. commandTimeout
- B. newCommandTimeout
- C. singleCommandTimeout
- D. commandWaitTime

Answer: A: commandTimeout

34. What is the purpose of the setLocation method in Appium?

- A. To set the GPS location of the device
- B. To set the location of an element
- C. To set the location of the Appium server
- D. To set the location of the application

Answer: A: To set the GPS location of the device

35. Which capability is used to specify the URL of the Appium server?

- A. serverURL
- B. appiumServerURL
- C. remoteURL
- D. serverAddress

Answer: C: remoteURL