



Key Examination points

- Exam Duration – 75 Minutes
- Total number of questions 50
- Passing percentage 70
- No Negative marking
- Selenium 4.X questions would be part of the assessment
- Selenium eco system questions as per the learning objective will be part of the assessment
- This mock paper has only 20 questions for reference
- CP-SAT Foundation Questions would be from the following Selenium Eco-System Categories
 - Docker
 - Generic / Scenario based
 - Git
 - Grid
 - Locator
 - SIDE
 - WebDriver
 - Pip, Setuptools, and Anaconda
 - Python

This mock paper is having only 20 questions and the category distribution may not be the same as that of the actual exam.

Question 1

The Selenium Grid in Selenium version 4 no longer has a hub

- A) True
- B) False

Question 2

what is the first step for installation of Selenium grid (3.x)?

- A) Start Hub
- B) Configure Hub
- C) Start Node
- D) Configure Node

Question 3

Docker is not the only container mechanism there are others.

- A) FALSE
- B) TRUE

Question 4

Which command is used in docker to stop a running container?

- A) docker stop
- B) docker kill
- C) docker rm
- D) docker halt

Question 5: How can mouse hover on a control in selenium?

1. element = driver.findElement()
element.goto()
2. act=ActionChains(driver)
act.move_to_element(element)
3. driver.mouse_over (element)
4. driver.navigate_to(element)

Question 6

Which of the following is used to scroll to an element in Selenium?

- A. driver.scrollToElement(element)
- B. driver.scrollByElement(element)
- C. driver.executeScript("arguments[0].scrollIntoView();", element)
- D. None of the above

Question 7

Please refer the following images

Image 7.1

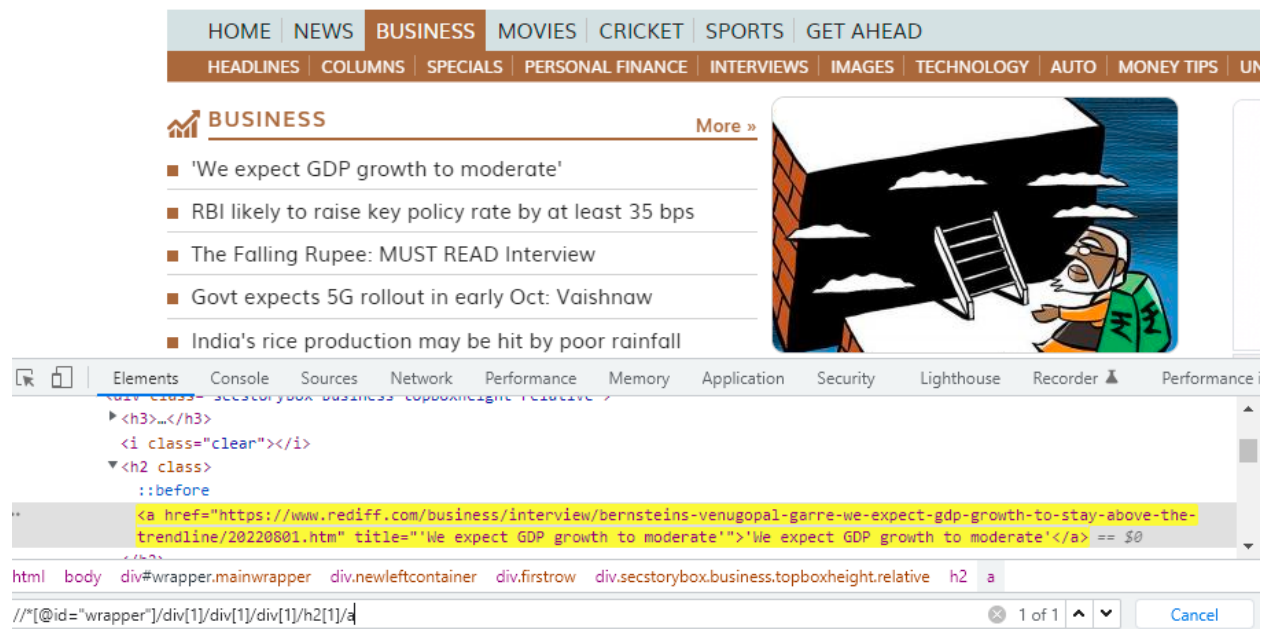
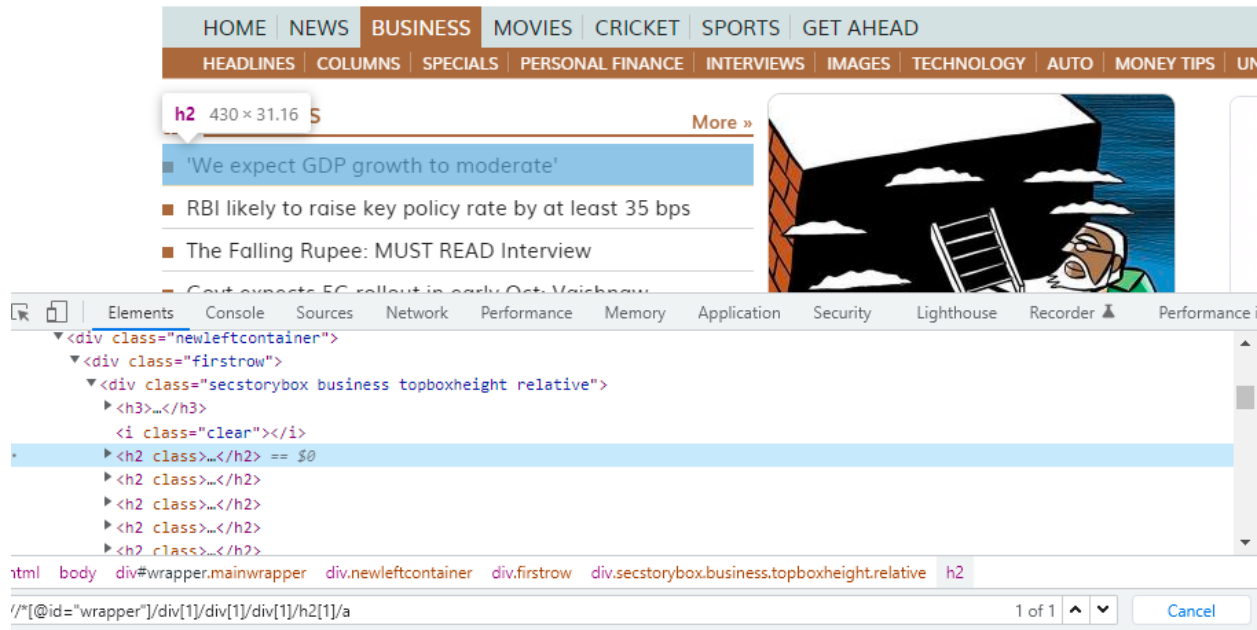


Image 7.1



Which of the following code snippets would capture the <h2> heading 2 displayed text for all the headlines

- i) `//*[@id="wrapper"]/div[1]/div[1]/div[1]/h2/a/text()`
- ii) `//*[@id="wrapper"]/div[1]/div[1]/div[1]/h2[1]/a/text()`
- iii) `//*[@id="wrapper"]/div[1]/div[1]/div[1]/h2[*]/a/text()`
- iv) `//*[@id="wrapper"]/div[1]/div[1]/div[1]/h2[#]/a/text()`
- v) `//*[@id="wrapper"]/div[1]/div[1]/div[1]/h2[2,3,4,5]/a/text()`

- A) All the options are correct
- B) Only i) is correct
- C) Only i) and iii) are correct
- D) Only i), iii) and v) are correct

Question 8

Which of the following is used to upload a file in Selenium?

- A. `driver.uploadFile()`
- B. `driver.sendKeys()`
- C. `driver.upload()`
- D. None of the above

Question 9

git push -u origin <branch-name>

- A) This command will push data to master branch
- B) This command will push data to a branch <branch-name>
- C) This command will push data to branch called as origin
- D) This command will create a new repository

Question 10

Selenium 4 offers a new way of locating elements by using natural language terms such as

- i "above"
- ii "below"
- iii "left of"
- iv "right of"
- v "near"
- vi "adjacent to"
- vii "behind"
- viii "in front of"

- A. All the terms above are relevant and are present in Selenium 4
- B. Except vi,vii,viii all are relevant and are present in Selenium 4
- C. i,ii,v,vii are relevant and are present in Selenium 4
- D. None of the terms above are relevant and are not present in Selenium 4

Question 11

Which of the following is used to take screenshots in Selenium?

- A. getScreenshotAs() method
- B. takeScreenshot() method
- C. captureScreenshot() method
- D. get_screenshot_as_file() method

Question 12

Which of the following is used in find element 'By' class is for specify which attribute is used to locate elements on a page

- A. ID, XPATH, NAME, CLASS_NAME, LINK_TEXT
- B. TAG_NAME, PARTIAL_LINK_TEXT
- C. Only 1.
- D. Both 1 & 2

Question 13

Which of the following methods is used to find the below element

```
<input id="id-search-field" name="q" type="search" role="textbox" class="search-field" placeholder="Search" value="" tabindex="1">
```

- a. driver.find_element("id","id-search-field")
- b. driver.find_element("type","search")
- c. driver.find_element("xpath"," //input[@id='id-search-field']")
- d. driver.find_element("class","search-field")
- e. driver.find_elements("name","q")

- A. a,b,d
- B. a,c,d,e
- C. a,c,e
- D. c,d,e

Question 14

How to do we switch between windows using selenium driver

- A. driver.switch_to.window("window")
- B. driver.switch_to().window("window")
- C. driver.switch_to("window")
- D. both 1 & 3

Question 15

How to move the driver from window to alert message?

- A. driver.alert()
- B. driver.switch_to.window("alert")
- C. driver.switch_to.browser("alert")
- D. driver.switch_to.alert()

Question 16

Method to get title of the page_____

- A. driver.fetchTitle()
- B. driver.getPageTitle()
- C. driver.title
- D. driver.getTitle()

Question 17

Which syntax can be used to handle dynamic elements?

- A. startwith() a//label[startwith(@id, `message`)]
- B. text() a//td[text() = `usedId`]
- C. contains() a //*[contains(@name=`btn`)]
- D. All of above

Question 18

How many attributes are available for the By class for locating elements on a page?

- A. 8
- B. 7
- C. 6
- D. 5

Question 19

```
<input id="id-search-field" name="q" type="search" role="textbox" class="search-field" placeholder="Search" value="" tabindex="1">
```

`driver.find_elements("id","id-seach-*")`

What will be the above line of code output?

- A. []
- B. Will return an input web element
- C. Will throw a syntax error
- D. Will throw a NoSuchElementException

Question 20

Which exception is shown in selenium when there is a delay in the loading time of the elements with which we are interacting?

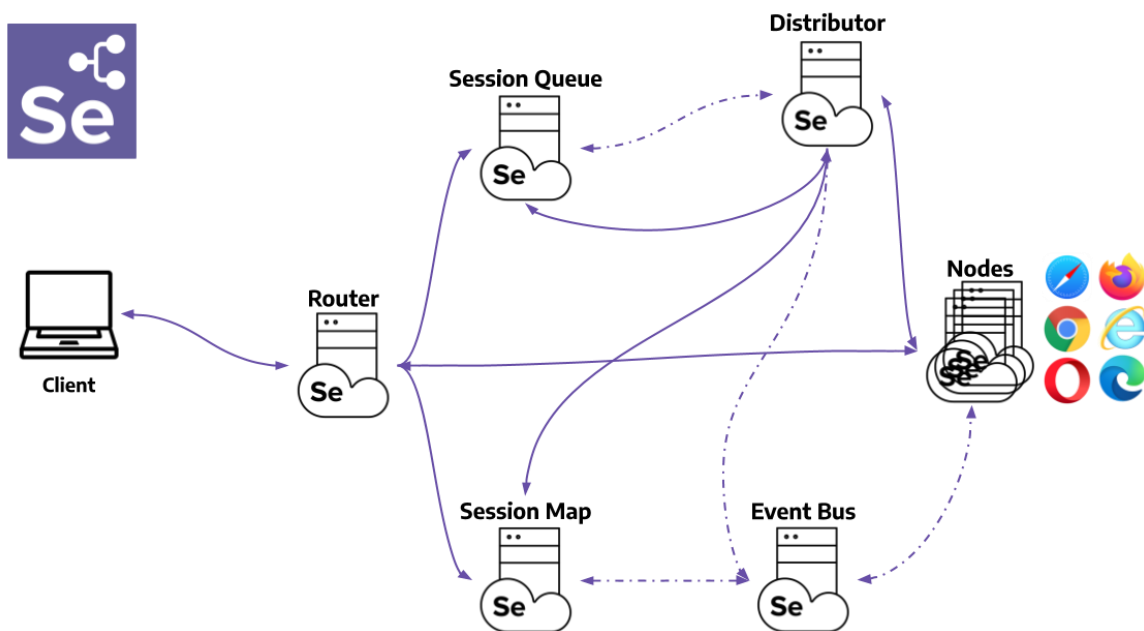
- A. Not Visible Exception
- B. Element Not Visible Exception
- C. Load Time Exceeding Exception
- D. None of the above

The Selenium Grid in Selenium version 4 no longer has a hub

- A) True
- B) False

Question 1. Correct answer is A)

The new architecture in Selenium Grid is as below



Question 2

what is the first step for installation of Selenium grid (3.x)?

- A) Start Hub
- B) Configure Hub
- C) Start Node
- D) Configure Node

Reference

https://www.selenium.dev/documentation/legacy/selenium_3/grid_setup/

First step in grid installation in to start the hub

Step 1: Start the Hub

Question 3

Docker is not the only container mechanism there are others.

- A) FALSE
- B) TRUE**

Buildah, BuildKit, Containerd, LXD may be other open source container mechanism options that are existing.

Question 4

Which command is used in docker to stop a running container?

- A) docker stop**
- B) docker kill
- C) docker rm
- D) docker halt

Correct Answer is A)

Reference:

docker stop

Stop one or more running containers

<https://docs.docker.com/engine/reference/commandline/stop/>

Question 5

How can mouse hover on a control in selenium?

- A. element = driver.findElement()
 - a. element.goto()
- B. act=ActionChains(driver)
 - a. act.move_to_element(element)

- C. driver.mouse_over (element)
- D. driver.navigate_to(element)

Correct Answer: B.

act=ActionChains(driver) act.move_to_element(element)

Question 6

Which of the following is used to scroll to an element in Selenium?

- E. driver.scrollToElement(element)
- F. driver.scrollByElement(element)
- G. driver.executeScript("arguments[0].scrollIntoView();", element)
- H. None of the above

Correct Answer: C

driver.executeScript("arguments[0].scrollIntoView();", element)

Explanation: driver.executeScript("arguments[0].scrollIntoView();", element) is used to scroll to an element in Selenium.

Question 7

Please refer the following images

Image 7.1

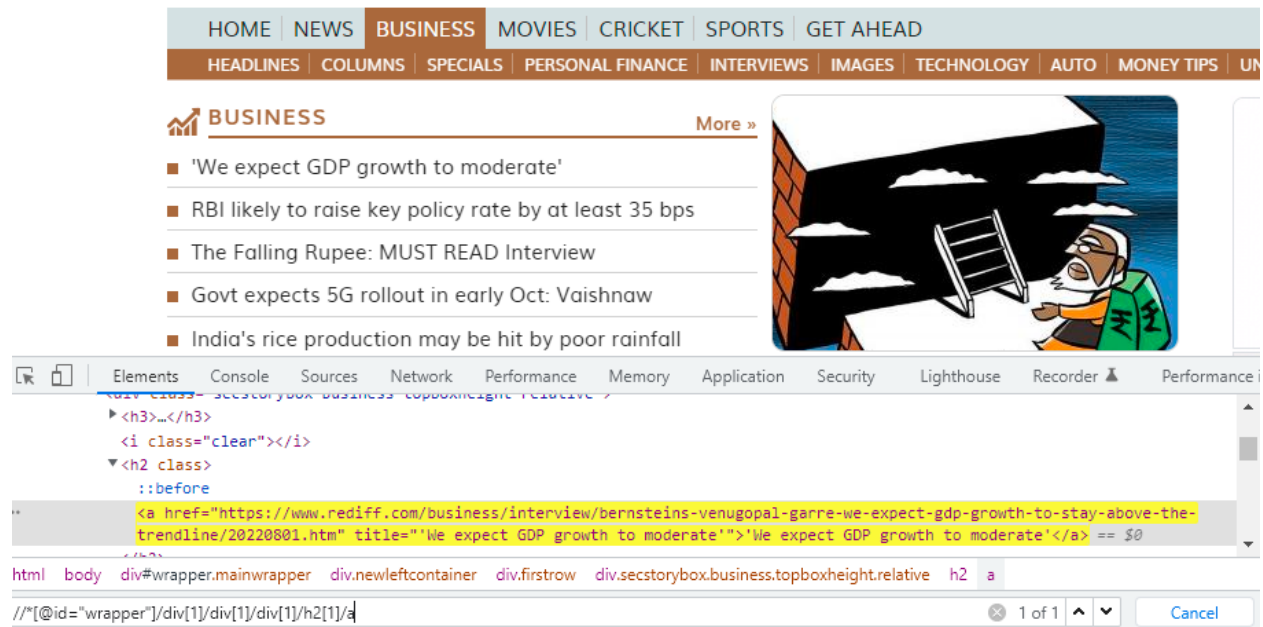
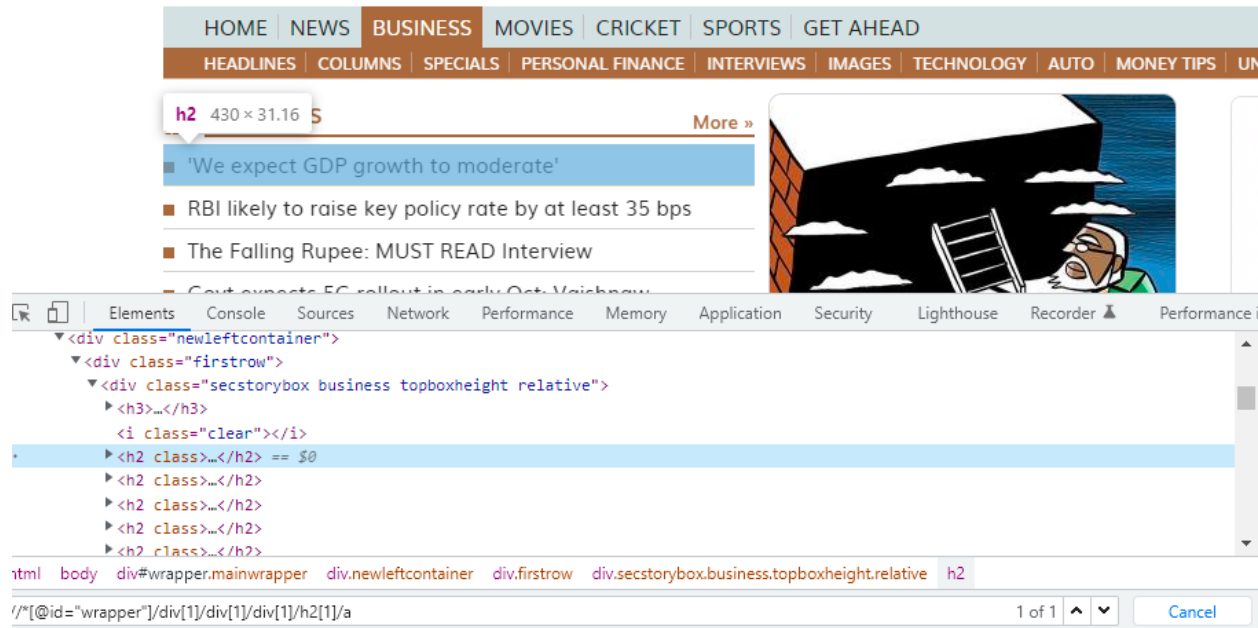


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- iii) `//*[@id="wrapper"]/div[1]/div[1]/div[1]/h2[*]/a/text()`
- iv) `//*[@id="wrapper"]/div[1]/div[1]/div[1]/h2[#]/a/text()`
- v) `//*[@id="wrapper"]/div[1]/div[1]/div[1]/h2[2,3,4,5]/a/text()`

- A) All the options are correct
- B) Only i) is correct
- C) Only i) and iii) are correct
- D) Only i, iii) and v) are correct

Correct answer is C)

Question 8

Which of the following is used to upload a file in Selenium?

- A. `driver.uploadFile()`
- B. `driver.sendKeys()`
- C. `driver.upload()`
- D. None of the above

Correct Answer:

B. driver.sendKeys()

Explanation: driver.sendKeys() is used to upload a file in Selenium.

Question 9

git push -u origin <branch-name>

- A) This command will push data to master branch
- B) This command will push data to a branch <branch-name>**
- C) This command will push data to branch called as origin
- D) This command will create a new repository

Correct answer is B)

Question 10

Selenium 4 offers a new way of locating elements by using natural language terms such as

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- C. i,ii,v,vii are relevant and are present in Selenium 4
- D. None of te terms above are relevant and are not present in Selenium 4

Correct answer is B)

Reference <https://www.selenium.dev/documentation/webdriver/elements/locators/>

Question 11

Which of the following is used to take screenshots in Selenium?

- E. getScreenshotAs() method
- F. takeScreenshot() method
- G. captureScreenshot() method
- H. get_screenshot_as_file() method

Correct Answer:

D. get_screenshot_as_file() method

Question 12

Which of the following is used in find element 'By' class is for specify which attribute is used to locate elements on a page

- E. ID, XPATH, NAME, CLASS_NAME, LINK_TEXT
- F. TAG_NAME, PARTIAL_LINK_TEXT
- G. Only 1.
- H. Both 1 & 2

Correct Answer :

D Both 1 & 2

Question 13

Which of the following methods is used to find the below element

```
<input id="id-search-field" name="q" type="search" role="textbox" class="search-field" placeholder="Search" value="" tabindex="1">
```

- a. driver.find_element("id","id-search-field")
- b. driver.find_element("type","search")
- c. driver.find_element("xpath"," //input[@id='id-search-field']")
- d. driver.find_element("class","search-field")
- e. driver.find_elements("name","q")

- A. a,b,d
- B. a,c,d,e
- C. a,c,e
- D. c,d,e

Correct Answer

C: a,c,e

Question 14

How to do we switch between windows using selenium driver

- A. `driver.switch_to.window("window")`
- B. `driver.switch_to().window("window")`
- C. `driver.switch_to("window")`
- D. both 1 & 3

Correct Answer

A: `driver.switch_to.window("window")`

Question 15

How to move the driver from window to alert message?

- A. `driver.alert()`
- B. `driver.switch_to.window("alert")`
- C. `driver.switch_to.browser("alert")`
- D. `driver.switch_to.alert()`

Correct Answer

D: `driver.switch_to.alert()`

Question 16

Method to get title of the page_____

- A. `driver.fetchTitle()`
- B. `driver.getPageTitle()`
- C. `driver.title`
- D. `driver.getTitle()`

Correct Answer:

C. `driver.title`

Question 17

Which syntax can be used to handle dynamic elements?

- A. `startswith() a//label[startswith(@id, `message`)]`
- B. `text() a//td[text() = `usedId`]`
- C. `contains() a //*[contains(@name=`btn`)]`
- D. All of above

Correct Answer: D. All of above

Question 18

How many attributes are available for the By class for locating elements on a page?

- A. 8
- B. 7
- C. 6
- D. 5

Correct Answer: A. 8

Explanation:

There are total 8 locators in selenium which are as follows: ID, Name, Class Name, Tag Name, Link Text, Partial Link Text, CSS Selector, XPath.

Question 19

```
<input id="id-search-field" name="q" type="search" role="textbox" class="search-field" placeholder="Search" value="" tabindex="1">
```

```
driver.find_elements ("id","id-seach-*")
```

What will be the above line of code output?

- A. []
- B. Will return an input web element
- C. Will throw a syntax error
- D. Will throw a NoSuchElementException

Correct Answer: A. []

Explanation:

Findelement method will throw you the exception named as NoSuchElementException, whereas findelements method will not show any exception.

Question 20

Which exception is shown in selenium when there is a delay in the loading time of the elements with which we are interacting?

- A. Not Visible Exception
- B. Element Not Visible Exception**
- C. Load Time Exceeding Exception
- D. None of the above

Answer: B. Element Not Visible Exception

Explanation: The element Not Visible Exception is shown in selenium when there is a delay in the loading time of the elements with which we are interacting