

## Quiz on Playwright Locators

**1. What does the locator() method return in Playwright?**

- A) A promise
- B) A list of elements
- C) A Locator object
- D) A single DOM node

**2. Which of the following is the correct syntax to locate an element using text content?**

- A) page.locator("div.text='Submit'")
- B) page.locator("text=Submit")
- C) page.locator("#Submit")
- D) page.locator("//text[.= 'Submit']")

**3. What is the preferred way to locate an element by role in Playwright?**

- A) page.locator("div[role='button']")
- B) page.getByRole('button')
- C) page.role('button')
- D) page.locator("//role='button'")

**4. Which built-in Playwright locator helps you locate input fields by label?**

- A) getByLabel()
- B) locator()
- C) getByInput()
- D) getByPlaceholder()

**5. What is the syntax to locate a placeholder input using Playwright's built-in locator?**

- A) page.locator("placeholder='Email'")
- B) page.getByPlaceholder('Email')
- C) page.placeholder('Email')
- D) page.getLabel('Email')

**6. Which of these uses a CSS selector in Playwright?**

- A) page.locator("#username")
- B) page.locator("text=Username")
- C) page.locator("//input[@id='username']")
- D) page.getByRole('textbox')

**7. How would you locate a button with exact text “Login” using Playwright?**

- A) page.locator("button=Login")
- B) page.locator("text='Login'")
- C) page.getText('Login')
- D) page.locator("//button[text()='Login']")

**8. What does the getByTestId() locator do?**

- A) Locates elements by their tag name
- B) Locates elements using a custom data-testid attribute
- C) Finds elements with id="test"
- D) Finds test cases in your code

**9. Which of these XPath expressions selects an <a> tag with href /about?**

- A) //a[@href='/about']
- B) a[href='/about']
- C) text=/about
- D) //a='about'

**10. What is the result of this CSS selector: div > span?**

- A) Selects all div elements with child spans
- B) Selects all spans that are descendants of a div
- C) Selects all spans directly inside a div
- D) Selects div elements only

**11. What is the correct Playwright locator for an input inside a form using CSS?**

- A) page.locator("form input")
- B) page.locator("//form//input")
- C) page.locator("input > form")
- D) page.locator("form > input")

**12. Which locator would you use to find an element with ID login-btn?**

- A) page.locator("login-btn")
- B) page.locator("#login-btn")
- C) page.locator(".login-btn")
- D) page.getText('login-btn')

**13. How do you locate an element that contains partial text using getText()?**

- A) page.getText('Submit', { exact: true })
- B) page.getText('Sub')
- C) page.locator('text=Submit')
- D) page.getText('Submit')

**14. What would page.locator("//button[contains(text(), 'Sign')]") return?**

- A) All buttons on the page
- B) Buttons with exact text 'Sign'
- C) Buttons with text containing the word 'Sign'
- D) Input fields with label 'Sign'

**15. Which of the following is *not* a built-in locator in Playwright?**

- A) getByRole()
- B) getByLabel()

- C) getByTest()
- D) getByPlaceholder()

**16. How would you locate all anchor (<a>) tags on a page?**

- A) page.locator("a")
- B) page.getByRole('a')
- C) page.locator("//a")
- D) Both A and C

**17. What does this CSS selector ul li.active target?**

- A) ul elements with class active
- B) All li elements inside ul with class active
- C) li elements with class active inside any ul
- D) All elements with class active

**18. Which Playwright locator can match a form input by its title attribute?**

- A) getByRole()
- B) getByTitle()
- C) locator()
- D) getByAttribute()

**19. What is the correct way to click an element located by its text?**

- A) page.click("text='Click me'")
- B) page.getText('Click me').click()
- C) page.locator("//button[text()='Click me']").click()
- D) All of the above

**20. What does this XPath //input[@type='checkbox'] select?**

- A) All checked checkboxes
- B) All input fields
- C) All checkbox inputs
- D) All inputs with any type

**21. Which selector will target an element with class btn-primary?**

- A) .btn-primary
- B) #btn-primary
- C) btn-primary
- D) :btn-primary

**22. How can you locate an element with tag input and class form-input using CSS?**

- A) input.form-input
- B) .input.form-input
- C) form-input.input
- D) input#form-input

**23. What does this XPath `//div[@class='container']//span` return?**

- A) Span elements directly inside a div
- B) Span elements anywhere under a div with class container
- C) Only the first matching span
- D) None of the above

**24. What locator is best for accessible testing in Playwright?**

- A) `getByText()`
- B) `getByTestId()`
- C) `getByRole()`
- D) `locator()`

**25. Which built-in locator helps test elements with tooltips?**

- A) `getByLabel()`
- B) `getByTitle()`
- C) `getByTooltip()`
- D) `getText()`

**26. What is the correct way to select all buttons with type “submit” using CSS?**

- A) `button[type='submit']`
- B) `//button[@type='submit']`
- C) `submit[type='button']`
- D) `page.getByRole('submit')`

**27. What does `page.locator("text=Welcome").first()` do?**

- A) Selects the first element with exact text ‘Welcome’
- B) Selects all elements with the word ‘Welcome’
- C) Selects the first element with any text
- D) Selects the last match

**28. Can you use both CSS and XPath locators in Playwright?**

- A) Yes
- B) No
- C) Only CSS
- D) Only XPath

**29. Which syntax uses an XPath expression?**

- A) `page.locator("//div[@class='box']")`
- B) `page.locator(".box")`
- C) `page.locator("#box")`
- D) `page.getByRole('textbox')`

**30. What does `getByAltText()` locate?**

- A) Video tags
- B) Elements with matching placeholder text

- C) Images with alt attribute
- D) Elements with title attribute

**Answers Key:**

1. C    2. B    3. B    4. A    5. B  
6. A    7. C    8. B    9. A    10. C  
11. A    12. B    13. B    14. C    15. C  
16. D    17. C    18. B    19. D    20. C  
21. A    22. A    23. B    24. C    25. B  
26. A    27. A    28. A    29. A    30. C