

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.getByLabel('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.getByText('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.getByText('login-btn')`

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

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

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