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## Phantomjs Interview Questions

### Q1. What is Phantomjs?

**PhantomJS** is known as a web browser without a graphical user interface. **PhantomJS** is a headless WebKit and web browser scriptable with a JavaScript API. Its native support for various web standards such as DOM handling, CSS selector, JSON, Canvas, and SVG provides fast performance. It works with Windows, macOS, Linux, and FreeBSD.

### Q2. Enlist some difference between puppeteer and phantomjs?

**PhantomJS** is a headless WebKit scriptable with JavaScript which is used for web-related development workflow. Whereas **Puppeteer** is detailed as "Headless Chrome Node API". Basically, it is a Node library that provides a high-level API to control headless Chrome over the DevTools Protocol which can also be configured to use full (non-headless) Chrome.

### Q3. List major features of Phantomjs?

The major features of Phantomjs are listed below:

1. Page Automation
2. Screen Capture
3. Headless Testing
4. Network Monitoring
5. Ability to monitor the network connection

### Q4. What is Headless Testing?

**Headless testing** is a testing process that is simply running your Selenium tests using a headless browser. IT is automated testing because It operates like your typical browser would, but without a user interface. It can create new testing opportunities as well as accelerate tests that have already running. It has the benefits of Greater testing reach, Multitasking, Improved speed, and performance.

### Q5. What objects are available in Phantomjs?

The available objects in Phantomjs are as follows:

1. CookiesEnabled
2. Cookies
3. LibraryPath
4. Version

## **Q6. How to delete Cookie in phantomjs?**

You can use the following code to delete Cookie in Phantomjs:

```
if( phantom.deleteCookie('username') )
{
  console.log('Cookie deleted. ');
}
else
{
  console.log('Cookie not deleted or does not exist. ');
}
```

If the desired cookie is not present, the function will not generate any error, but it will return a false value.

To clear all cookies, simply use the clearCookies() function.

```
phantom.clearCookies();
```

## **Q7. How to enable Cookie In Phantomjs?**

You can follow the following steps to **enable Cookie** In Phantomjs:

- case BrowserType.PhantomJS:
- var service = PhantomJSDriverService.CreateDefaultService(Path.Combine(\_rootPath, @"Packages\"));
- var cookieFilePath=Path.Combine(\_rootPath, @"Packages\cookie.txt");
- if (!File.Exists(cookieFilePath))
- File.Create(cookieFilePath);

## **Q8. Can we run test scripts in Selenium using PhantomJS?**

Yes, we can run test scripts in Selenium using PhantomJS. Using **PhantomJS driver** with Selenium is quite easy since one can use their own implementation technique to automate test suites using PhantomJS.

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