**Software Testing Assignment**

**Module-5 (Selenium IDE)**

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| 1. | What is Automation Testing? |
| Ans: | Executing Test cases by using any automation tool Ex:- Selenium |
| 2. | Which are the browsers supported by Selenium IDE? |
| Ans: | Fire fox |
| 3. | What are the benefits of Automation Testing? |
| Ans: | Benefits of Automation Testing:-   1. Speed:- Automation Scripts run very fast when compared to human users 2. Reliable:- Tests perform precisely the same operations each time they are run, there by eliminating human error.   (3)Repetable:- We can test how the application reacts after repeated execution of the same operation .  (4) Comprehensive:- we can build a suite of tests that covers every feature in our application.  (5) reusable:- we can reuse tests on different versions of an application even if the user interface changes.  - Automate your testing procedure when you have lot of regression work.  - Automate your load testing work for creating virtual users to check load capacity of your application.  - Automate your testing work when your GUI is almost frozen but you have lot of frequently functional changes. |
| 4. | What are the advantages of Selenium? |
| Ans: | 1. Very easy to use and install 2. No programming experience is required through knowledge of HTML and Dom are needed 3. Can export tests to formats usable in Selenium RC and Web driver. 4. Has built in help and test results reporting module. 5. Provides support for extensions. |
| 5. | Why testers should opt for selenium and not QTP? |
| Ans: | |  |  | | --- | --- | | Selenium | QTP | | Open Sourc, free to use,and free of charge | Commercial | | Highly extensible | Limited add-ons | | Can run tests across different browsers | Can only run tests in Firefox, Internet explorer and Chrome | | Support various operating system | Can only be used in windows | | Support mobile devices | Support mobile device using third party software | | Can execute tests while the browser is minimized to be visible on the desktop | Needs to have the application under test | | Can execute tests in parallel | Can only execute in parallel but using Quality Center which is again a paid product. | |
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| Ans: |  |
| 7. | To validate the tops technologies website contact us page and enter your friend detail at last “guest call back” |
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