**Non Functional Testing – Security Testing**

***Part A - Introduction***

1. Security testing – Introduction -
2. Types of Security Testing
   1. OWASP, HIPAA, etc.
   2. Web Applications
   3. Mobile Apps
   4. Desktop Apps
3. Different types of automation testing tools
   1. Open source tools – Burp Suite,
   2. Commercial tools – IBM Security, HP Forte, Acunetix etc

***Part B***

**OWASP**

1. Introduction to OWASP
2. Introduction to OWASP Tools

**Installation and setting up the various tools from OWASP**

1. How to setup Burp Suite, etc?
2. What is Test plan ?

**Security Test Design**

1. Execute security test scenarios from OWASP Top 10 ?
2. Collecting and analysing results
3. Lab exercise (Scenarios will be given and candidate needs to complete a dry run and analyse the results)

**Advance Topic:**