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| **Questions** | **Answers** |
| 1. In 1 sentence describe what the **Security Testing** is? | Security Testing is defined as a type of Software Testing that ensures software systems and applications are free from any vulnerabilities, threats and risks that may cause a big loss. |
| 1. List out the 7 Security Testing Definitions | Vulnerability Scanning  security Scanning  penetration testing  risk assessment  security auditing  ethical hacking  posture assessment |
| 1. In 1 or 2 sentences describe what the **Penetration Testing** is | This kind of testing simulates an attack from a malicious hacker. This testing involves analysis of a particular system to check for potential vulnerabilities to an external hacking attempt |
| 1. In 1 or 2 sentences describe what the **Ethical Hacking** is | It’s hacking an organization software systems . unlike malicious hacker, who steal for their own gains, the intent is to expose security flaws in the system. |
| 1. Who is a **Hacker**? | access computer system or network without authorization |
| 1. What is an **Ethical Hacking**? | performs most of the breaking activities but with permission from the owner |
| 1. List out any **4** of the **top 8 Security Testing Technique** | 1. Access to application, 2. data protection, 3. brute-force attack, 4. SQL injection and xss |
| 1. What is the definition of DDoS? | DDoS is a distributed denial of service attack attempts to make an online service, like a website, unavailable by SSD overwhelming it with a flood of traffic from a team of computer. |
| 1. What is the significant difference between Cyber Security and Application Security. | cybersecurity is to protect more than just the software application. it refers to the entire infrastructure of a company. But software Application security refers to prevention of writing vulnerable code and to create processes for secure development. |
| 1. There is a hacker attack every \_\_\_ seconds. | 39 |
| 1. What percentage of global organizations claim that they are prepared to handle a sophisticated attack? | 1. 50% 2. 38% 3. 10% 4. 100% |
| 1. The information on the Dark Web is accessible by normal internet browsers.   True or False? | FALSE |
| 1. Total cost for Cybercrime committed globally has added up to over $1 trillion dollars in 2018.   True or False? | TRUE |
| 1. 95% of breached records came from only three industries in 2016 | * 1. Government, Retail, High Tech and the Music Industry.   2. Government, Clothing, and Entertainment.   3. Government, retail, and technology. |