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Course - BSC IT

Q.1- Ans 1- SQL Injections :-

SQL injection is a type of web application security vulnerability in which an attacker attempts to un application code to 9ress or corrupt database content. If Successful, this allows the attacker to creat, read, update, alter, or delet data stored in the back-end database.

2- CROSS SITE SCRIPTING !-

Cross site scripting targets an application's users by injecting code, usually a client-side script Such as Java script, into a web application output.

3- Broken Authentication Session management.

Broken authentication and session management encompass several security issues, all of them having to do with maintaining the identity of a user. If authentication credentials and session identifiers are not protected at all time, an attacker can hijack an active Session and assume the identity of a user.

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4 - **Insecure Direct Object References :-**

Insecure direct object reference is when a web application exposes a reference to an internal implementation object. Internal implementation objects include files, database records, directories and database keys.

5 - **Security misconfiguration :-**

Security misconfiguration encompasses several type of vulnerabilities all centered on a lack of maintenance of a lack of attention to the web application configuration. A secure configuration must be defined and deployed for the application.

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