Name: Janish Singh Cowise: BSc-IT (6th Sem) Subject: Information Security Rollno: 1022771 a person blaces to a bebsites are: · SQL injection 'Cross Site Scripting · Broken Authentication and Session Management · Insecure Direct Object Reference · Security misconfiguration · Cross Site Request forgery · DOS attack 1) SQL injection: Injection is a nulnerability that allow an attacker to after backend SOL statement by manipulating the user data. Injection occur when user data is sent to interpreter as part of command and the interpreter is tricked into enecuting such command which gives access to unablithorized data. 11) Cross Site Scripting: Making the use of Cross Site Scripting, attack -er I can inject (Scripts into the application and hence can steal session cookies, deface website, and can fun malware on the victim's machines. Also Known as XSS mulnerabilities It basically target Scripts embedded in a page executed on client side. Zanisha

111) Broken Authentication & Session Hanagement: Making use of Broken Authentication (& Session Management, Jan attacker can kighjæhijack a session, gain at unauthorized access to the system which allow disclosure and modifica - Hon of unauthorized information Sexious.

are highered using sto (In cookiess or session using XSS(cross) site Scripting). Vunerable objects here are = (1) Session 1) exposed on URL lead to session fitation attack 11) Session Timeout (111) Session reused by low privibge user (v) Insecure Direct Object Reference: Using this vulnerability, attacker gain access to unauthorized internal object, can even modify data or compromise the application there of It occur when developer expose a referen -ce to an internal implementation object. (v) Cross Site Request Forgery: It came from cross Vsite. Basically here a attacker I can change wer profile information, change status, create new wer out out admin behalf etc. This attack occur when a wet malicions website, email, or program cause a user's browser to perform unwanted actions. vi) DOS attack: Denial-of-Service attack is meant to shutdown a machine network making it inaccessible Tanisha.