2304M227

Candidate's Seat No :_____

IMBA in CSM Semester-6 Examination

CSM_BBA_DSE-3

FWAPT

April-2024

Time : 2-30 Hours] **[Max. Marks : 70**

Q.1 Discuss the process of fuzzing with Burp Intruder give some examples of common vulnerabilities that can be identified through fuzzing and how to mitigate them. Briefly explain the other features of Burp suite. (14)

Q.2 Define SQL injection and its variants, including Blind SQL injection and Error-based SQL injection. Discuss how attackers exploit the SQL Injection vulnerabilities and elaborate on techniques to prevent and mitigate SQL injection attacks. (14)

Or

Q.2 Define insecure deSerialization and discuss its significance as a security vulnerability. Explain the potential risks associated with insecure deSerialization attacks. (14)

Q.3 Define Cross-Site Request Forgery (CSRF) and explain how it can be exploited by attackers. Discuss strategies to prevent CSRF attacks and also Explain the importance of Report generation in Web application Penetration Testing. (14)

Or

Q.3 Explain how a Web Application Works.What Tools are used for Web Application Penetration Testing?Explain about any two tools in brief. (14)

Q.4 Describe the Exploit Database (Exploit Db) and its significance in exploiting vulnerabilities.Explain the importance of Report generation in Web application Penetration testing. (14)

Or

Q.4 What Elements does a Correctly composed HTTP request contains? Explain HTTP Response with some of the HTTP Response codes. (14)

Q.5 Explain about Cookies and Sessions. What is session management and What are the common attacks on Session Management. (14)