

Code No: CS8111PE

CMR ENGINEERING COLLEGE

(UGC-Autonomous)

Kandlakoya(V), Medchal Road, Telangana-501401

I-M. Tech I-Semester Examinations, June - 2021

WEB AND DATABASE SECURITY

(PE - II)

Time: 3 Hours

Max. Marks: 70

Answer any Five Questions
All Questions Carry Equal Marks
(ORIGINAL)

1. a. What is Web Security? Explain the three primary facets of Web Security problem?
b. Explain the process of securing a Web Server?
2. a. In detail explain the classification of cryptographic encryption algorithms?
b. Explain the different roles that encryption can play in modern information systems?
3. a. Discuss about the privacy protecting techniques?
b. Why do you require Backups? Explain the different types of Backups and how do you secure them?
4. a. Explain physical security for servers?
b. How do you secure web applications? Explain.
5. Explain the access control models for XML?
6. a. Explain the database issues in trust management and negotiation in providing database security?
b. Discuss about the security in OLAP systems?
7. a. Give a short note on database watermarking for Copyright Protection?
b. Explain damage quarantine and recovery in data processing systems?
8. a. Explain Privacy-enhanced Location-based Access Control?
b. In a mobile environment, explain the security and privacy policies?