

JK LAKSHMIPAT UNIVERSITY JAIPUR
INSTITUTE OF ENGINEERING AND TECHNOLOGY
End-Term Examination (Dec 20230)

Programme: **B. Tech**

Year/Semester: IV/VII

Course Name: **Introduction to Electrical and Electronics Engineering**

Course code: **EE1404 Ethical Hacking**

Maximum marks: **30**

Time allowed: **2:00hr.**

Notes:

- All questions are compulsory.
- Please do not write anything other than Roll Number on Question Paper

Q.N o.	Question	Marks/L O
Q1	Explain the different web server attacks, particularly different DNS attacks.	5M Ee1404.2
Q2	What are the various social engineering tactics used for monitoring cyber-attacks? What are good practices to avoid these?	5M EE1404.4
Q3	What are the different types of SQL injection attacks? How can we check whether a server is vulnerable to any of the SQL injection attacks	5M Ee1404.2
Q4	What are the various wireless protocols and their ranges? What are the tools used by attackers to hack access point passwords? How can these attacks be prevented	5M EE1404.2
Q5	What are mobile platform vulnerabilities? How can they be controlled using OWASP top 10 mobile controls?	5M EE1404.5
Q6	What are the goals of penetration testing? Explain the classification of various pen testing strategies	5M EE1404.3