

**R15**

Code No: 825AE

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**MCA V Semester Examinations, October / November - 2020**

**ETHICAL HACKING**

**Time: 2 Hours**

**Max. Marks: 75**

**Answer any five questions**  
**All questions carry equal marks**

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- 1.a) What are the skills required to become an ethical hacker?  
b) List and explain in detail about various types of attacker. [7+8]
2. What is password cracking? Discuss the techniques used to perform password cracking. [15]
3. Describe the various methods involved in virus detection. [15]
- 4.a) What are the various objectives involved in web application hacking?  
b) Explain in detail about the various countermeasures involved in password cracking. [7+8]
- 5.a) Describe the modules involved in installation of Linux kernel.  
b) Illustrate about the tools used to perform automated penetration testing. [7+8]
6. Illustrate about different phases involved in ethical hacking. [15]
7. Compare and contrast between passive online attacks and active online attacks. [15]
8. List and explain the steps followed in performing session hijacking. [15]

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