

**Code No: 864AH****JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****MCA IV Semester Examinations, March/April - 2023****CYBER LAWS AND ETHICS****Time: 3 Hours****Max.Marks:75****Note:** i) Question paper consists of Part A, Part B.

ii) Part A is compulsory, which carries 25 marks. In Part A, Answer all questions.

iii) In Part B, Answer any one question from each unit. Each question carries 10 marks and may have a, b as sub questions.

**PART – A****(25 Marks)**

- 1.a) Discuss the various threats to security. [5]  
b) Explain the security policy requirements. [5]  
c) Explain the Key Process Management Capabilities. [5]  
d) With respect to information security, explain information availability. [5]  
e) What is the need to adopt information security management standards? [5]

**PART – B****(50 Marks)**

- 2.a) Explain the initial efforts taken in providing computer security.  
b) How does access controls provide computer security? [5+5]  
**OR**
- 3.a) Describe the Generally Accepted System Security Principles (GASSP).  
b) Explain the Computer Security mandates and legislation. [5+5]
4. In detail, explain the secure system planning and management. [10]  
**OR**
- 5.a) Explain the different network security standards.  
b) Explain the set of document requirement defined in the orange book. [5+5]
6. Explain the Tier – 2 security policies. [10]  
**OR**
- 7.a) Explain the fundamentals of Information Security Program Plan.  
b) Discuss the key stages involved in developing security policies. [5+5]
- 8.a) Describe the classification of information in information security.  
b) Explain the employee responsibilities in information security. [5+5]  
**OR**
- 9.a) Explain any 5 tools of information security.  
b) Explain how information is processed in information security. [5+5]
10. List and explain the guidelines provided by OECD (Organization for Economic Co-operation and Development) towards a culture of security? [10]  
**OR**
- 11.a) Explain the role of information security professionals.  
b) What is IT security? What are the areas in IT security? [5+5]