

E

Reg. No. :

--	--	--	--	--	--	--	--	--	--

Question Paper Code: 99817

B.E./B.Tech. DEGREE EXAMINATION, APRIL 2024

Elective

Computer Science Engineering

19UIT917 - Ethical Hacking and Information Forensics

(Regulations 2019)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (5 x 20 = 100 Marks)

1. (a) Apply the concept of Access control mechanisms in an organization for physical and logical restrictions to prevent unauthorized individuals from doing things with your sensitive data or systems CO2- App (20)
Or
(b) Apply a tool that you can implement at the firewall level of a network which would help you analyze malware threats CO2- App (20)
2. (a) Explain the different types of foot printing with an example CO1- U (20)
Or
(b) Discuss in detail about the Shoulder Surfing CO1- U (20)
3. (a) Analyze wireless hacking tools used by hackers and security professionals CO3- Ana (20)
Or
(b) Explain in detail about incident hacking and response CO1- U (20)
4. (a) Explain in detail about computer forensics fundamentals with its types. CO1- U (20)
Or
(b) Explain in detail about standardized logging criteria for digital forensic CO1- U (20)
5. (a) Explain common data-hiding techniques CO1- U (20)
Or
(b) Explain the role of e-mail in investigations CO1- U (20)

