


| Name: | |  | |
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| Enrolment No: | | | |
| UNIVERSITY OF PETROLEUM AND ENERGY STUDIES End Semester Examination, December 2022 | | | |
| Course: Information Safety Program: BCA Course Code: CSSF-2010 | | Semester: V Time : 03 hrs. Max. Marks: 100 | |
| Instructions: | | | |
| SECTION A (5Qx4M=20Marks) | | | |
| S. No. | | Marks | CO |
| Q 1 | What is the concept of a Phishing attack . Explain with example. | 4 | CO1 |
| Q 2 | Elaborate the Impact of Bluetooth Device Threats? | 4 | CO2 |
| Q 3 | Explain Motivation behind the Black Hat Hackers | 4 | CO1 |
| Q 4 | What will be the importance of security Audit in the organizations. | 4 | CO4 |
| Q 5 | Elaborate on practices for network security. | 4 | CO3 |
| SECTION B (4Qx10M= 40 Marks) | | | |
| Q 6 | List different Indications of Trojan Attack in system.How can we prevent from Trojan Attack. | 10 | CO1 |
| Q 7 | List the major amendments in Information Technology Act 2008. | 10 | CO4 |
| Q 8 | Elaborate the impact of DOS and DDOS with proper. How we can prevent our system from DDOS attack. | 10 | CO2 |
| Q 9 | Differentiate Network security and Operating system security . Or List & explain the application of cryptography with example. | 10 | CO3 |
| SECTION-C (2Qx20M=40 Marks) | | | |
| Q 10 | How PCI DSS provide safety in payment system. List the goal of ISO 27001 and HIPAA . | 20 | CO4 |
| Q 11 | Elaborate how misconfiguration, Buffer Overflows, Design Flaws may happen intentionally or unintentionally and affects web servers, application platforms, databases, and networks. OR List and elaborate some of the impacts of vulnerabilities in Operating System. Also design malware with the help different components. | 20 | CO1 |