

020504**December 2023****B.Tech. (RAI) - V SEMESTER****Cyber Laws and Security (OEC-RAI-502-21)**

Time : 3 Hours]

[Max. Marks : 75

Instructions :

1. *It is compulsory to answer all the questions (1.5 marks each) of Part-A in short.*
2. *Answer any four questions from Part-B in detail.*
3. *Different sub-parts of a question are to be attempted adjacent to each other.*

PART-A

1. (a) What do you mean by information classification? (1.5)
- (b) Define encryption. (1.5)
- (c) What are the needs of physical security in an organization? (1.5)
- (d) What do you understand by EDI? (1.5)
- (e) What is copyright law? (1.5)
- (f) What is a firewall? (1.5)
- (g) What is ethical hacking? (1.5)

- (h) What is e-governance? (1.5)
- (i) What do you understand by digital signature? (1.5)
- (j) What is a patent? (1.5)

PART-B

- 2. (a) What are the different security policies on Laptops and wireless devices? Explain. (8)
- (b) Explain cyber security implications for organizations. (7)
- 3. (a) How do the Internet and the Web change business in e-commerce? Discuss. (8)
- (b) Describe the interoperability issues in biometric systems. (7)
- 4. Discuss the basic tenets of physical security and physical entry control in an organization. (15)
- 5. (a) Explain the dimensions of network security. (8)
- (b) Discuss security vulnerabilities in VPN. (7)
- 6. (a) Discuss different types of cryptography. (10)
- (b) Explain the concept of public key and private key in cryptography. (5)
- 7. Discuss different types of cybercrimes and related punishments in India. (15)