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BRAINWARE UNIVERSITY

Term End Examination 2025-2026
Programme – Dip.CSE-2022/Dip.CSE-2023
Course Name – Cyber law and Security
Course Code - DCSE-OE601A
(Semester VI)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) Choose the role of a Certifying Authority under the IT Act.
 - a) To provide internet services
 - b) To issue digital signature certificates
 - c) To regulate e-commerce
 - d) To monitor social media
- (ii) Select the law that protects original literary and artistic works.
 - a) Copyright Act
 - b) Patent Act
 - c) Trademark Act
 - d) Design Act
- (iii) Identify what a domain name dispute refers to.
 - a) Conflict over website ownership
 - b) Disagreement on web design
 - c) Debate on internet speed
 - d) Discussion on web hosting
- (iv) Select the primary function of firewalls.
 - a) To speed up internet
 - b) To block unauthorized access
 - c) To increase storage
 - d) To improve display
- (v) Identify the main purpose of cyber law.
 - a) To regulate online activities
 - b) To increase internet speed
 - c) To design websites
 - d) To sell digital products
- (vi) Choose what a Denial of Service (DoS) attack refers to.
 - a) A type of customer service
 - b) A cyber attack that disrupts services
 - c) A method of data backup
 - d) A way to improve internet speed
- (vii) Select what ransomware refers to.
 - a) A type of antivirus
 - b) Malware that demands ransom
 - c) A file compression tool
 - d) A web browser
- (viii) Identify what a Trojan horse refers to in cybersecurity.
 - a) A wooden horse
 - b) Malware disguised as legitimate software
 - c) A type of antivirus
 - d) A file compression tool
- (ix) Choose what pharming refers to.

- a) A type of farming b) A DNS-based cyber attack
c) A programming language d) An e-commerce platform
- (x) Choose what a zero-day vulnerability refers to.
a) A newly discovered security flaw b) A type of antivirus
c) A file compression tool d) A web browser
- (xi) Choose the primary purpose of the Electronic Communications Privacy Act.
a) To protect electronic communications privacy b) To regulate internet speed
c) To control social media d) To manage email servers
- (xii) Choose what clickjacking refers to.
a) A type of online fraud b) A technique to trick users into clicking
c) A programming language d) An e-commerce platform
- (xiii) Identify an backdoor in cybersecurity?
a) A physical door b) A secret way to bypass security
c) A type of firewall d) A data backup method
- (xiv) Identify the main focus of the Federal Information Security Management Act?
a) Protecting federal information and systems b) Regulating e-commerce
c) Controlling internet usage d) Managing email servers
- (xv) Identify the statement that best describes cyberspace.
a) A physical area used for storing computer hardware b) A virtual environment created through interconnected computer networks
c) A software tool for offline data processing d) A legal statute governing internet usage

Group-B

(Short Answer Type Questions)

3 x 5=15

2. Choose a case study of cyber crime and explain the role of digital evidence. (3)
3. Describe cyber law. Why is it important? (3)
4. Express the importance of copyright laws for software. (3)
5. Summarize how domain names are protected legally. (3)
6. Advise a company on securing its e-commerce transactions. (3)

OR

- Choose a cyber crime case related to hacking and explain its legal response. (3)

Group-C

(Long Answer Type Questions)

5 x 6=30

7. Describe the evolution of computer technology and the emergence of cyberspace. (5)
8. Compare paper contracts with paperless contracts in e-commerce. (5)
9. Choose a real-life cyber crime case and explain how it was handled legally. (5)
10. Advise on how businesses can prevent email spoofing attacks. (5)
11. Justify the importance of the Reserve Bank of India Act in regulating digital banking. (5)
12. Recommend ways to improve cyber crime investigation techniques. (5)

OR

- Summarize the impact of e-commerce laws on consumer protection. (5)
