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BRAINWARE UNIVERSITY

Term End Examination 2024-2025
Programme – Dip.CSE-2022
Course Name – Cyber law and Security
Course Code - DCSE-OE601A
(Semester VI)

Time : 2:30 Hours

Full Marks : 60

[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) Select the act that governs electronic transactions in India.
 - a) IT Act 2000
 - b) Companies Act 2013
 - c) Indian Contract Act 1872
 - d) Consumer Protection Act 2019
- (ii) Choose the purpose of digital signatures.
 - a) To encrypt data
 - b) To verify authenticity
 - c) To compress files
 - d) To block spam
- (iii) Select the option that is not a type of cyber crime.
 - a) Phishing
 - b) Hacking
 - c) Online shopping
 - d) Identity theft
- (iv) Identify the main purpose of cyber ethics.
 - a) To regulate internet speed
 - b) To ensure ethical behavior online
 - c) To design websites
 - d) To sell digital products
- (v) Choose the purpose of encryption in cyber security.
 - a) To compress data
 - b) To delete data
 - c) To protect data
 - d) To duplicate data
- (vi) Select the primary function of firewalls.
 - a) To speed up internet
 - b) To block unauthorized access
 - c) To increase storage
 - d) To improve display
- (vii) Select the focus of e-governance.
 - a) Using technology in government services
 - b) Regulating e-commerce
 - c) Controlling internet usage
 - d) Managing email servers
- (viii) Identify the primary focus of the IT Act 2000.
 - a) Regulating information technology use
 - b) Controlling TV broadcasts
 - c) Managing postal services
 - d) Governing print media
- (ix) Select the main purpose of the Trademark Act.

- a) To protect brand names and logos
c) To govern copyrights
(x) Select the primary purpose of data localization laws.
a) To store data within country borders
c) To compress data files
(xi) Select the main focus of the Electronic Commerce Directive.
a) Regulating online business
c) Managing postal services
(xii) Choose the primary purpose of the General Data Protection Regulation (GDPR).
a) To protect EU citizens' data
c) To control social media
(xiii) Select the primary purpose of the Computer Fraud and Abuse Act.
a) To prevent computer-related fraud
c) To control social media
(xiv) Choose the main focus of the Electronic Signatures Directive.
a) Regulating digital signatures
c) Managing postal services
(xv) Predict the main focus of the Network and Information Security Directive.
a) Enhancing cybersecurity in the EU
c) Controlling internet usage
- b) To regulate patents
d) To control domain names
b) To increase data transfer speed
d) To delete unnecessary data
b) Controlling TV broadcasts
d) Governing print media
b) To regulate internet speed
d) To manage email servers
b) To regulate internet speed
d) To manage email servers
b) Controlling TV broadcasts
d) Governing print media
b) Regulating e-commerce
d) Managing email servers

Group-B

(Short Answer Type Questions)

3 x 5=15

2. Compare cyber crime laws in India and the European Union. (3)
3. Define Jurisprudence and its relation to law. (3)
4. Compare public and private cryptography (3)
5. Choose a famous cyber crime case and explain its impact. (3)
6. Explain how supply chain management benefits from e-markets. (3)

OR

Apply data protection rules to an online business. (3)

Group-C

(Long Answer Type Questions)

5 x 6=30

7. Describe the role of EDI (Electronic Data Interchange) in e-commerce. (5)
8. Discuss the impact of e-security on online businesses. (5)
9. Summarize the different e-commerce models (B2B, B2C). (5)
10. Apply the Indian Evidence Act to a case involving email fraud. (5)
11. Compare the effectiveness of cyber crime laws in different countries. (5)
12. Choose a real-world example of a cyber offense and explain how it could be handled under cyber law. (5)

OR

Compare the civil and criminal jurisdictions in cyber law and explain their significance. (5)
