

Bihar Engineering University, Patna
End Semester Examination - 2022

Course: B.Tech.
Code: 100715

Semester: VII
Subject: Cyber Law & Ethics

Time: 03 Hours
Full Marks: 70

Instructions:-

- (i) The marks are indicated in the right-hand margin.
- (ii) There are **NINE** questions in this paper.
- (iii) Attempt **FIVE** questions in all.
- (iv) Question No. 1 is compulsory

Q.1 Choose the correct answer of the following: (Answer any seven) [2 x 7 = 14]

- (a) The information Technology Act, 2000 is an Act of the Indian Parliament notified on
 - I. 27th October, 2000
 - II. 15th December, 2000
 - III. 17th November, 2000
 - ☒ IV. 17th October, 2000
- (b) Code of Ethics do not includes:
 - I. Software Privacy
 - II. Fair Treatment
 - ☒ III. Communication
 - IV. Co-operation
- (c) _____ refers to all the legal and regulatory aspects of internet and world wide web
 - I. Cyber Crime
 - ☒ II. Cyber Law
 - III. IT Act
 - IV. Code of Standard
- (d) A digital signature is a mathematical technique which validates
 - I. Authenticity
 - II. Integrity
 - III. Non-repudiation
 - ☒ IV. All of the above
- (e) General accepted standards of right and wrong in a society is called as
 - I. Moral
 - ☒ II. Ethics
 - III. Guideline
 - IV. Code of Standard
- (f) Misuse of digital signature for fraudulent purposes comes under _____ of IT Act
 - I. Section 65
 - ☒ II. Section 66
 - III. Section 71
 - IV. Section 72
- (g) Cyber squatting is associated with
 - ☒ I. Domain name dispute
 - II. IP addressing dispute
 - III. Email dispute
 - IV. Password dispute
- (h) TOR stands for _____
 - I. The open router
 - II. The onion reader
 - ☒ III. The onion router
 - IV. Tactical onion router

(i) _____ refers to email that appears to have been originated from one source when it was actually sent from another source.

- I. Email bombing
- II. Email spoofing
- III. Email spamming
- IV. Email hacking

(j) Which among them has the strongest wireless security?

- I. WEP
- II. WPA
- III. WPA2
- IV. WPA3

Q.2 (a) Discuss different types of civil wrongs under the IT Act-2000. [7]
(b) Explain different categories of cyber crime. [7]

Q.3 How does cyber security become an integral part of a person's life? Explain it with suitable Example. [14]

Q.4 What does ethics have to do with technology? Explain with rationale. [14]

Q.5 (a) What is certifying authority? What is the process to get Digital Signature Certificate . [7]
(b) Explain the risks involved in running E-business. [7]

Q.6 (a) Discuss the data encryption for E-Commerce security. [7]
(b) Explain the need for cyber regulations in brief. [7]

Q.7 Elaborate the need of information security in current age. What harm will be done if a person privacy is violated? Explain with a suitable case study. [14]

Q.8 Is there any government agency being set up for improving enforcement measures against copyright piracy. [14]

Q.9 Write short notes on any two of the following:- [7 X 2]
I. B2C and C2C
II. IT (Amendment) Act, 2008
III. Cyber Stalking
IV. Trademark related issues