

**B.Tech 7th Semester Exam., 2021**

( New Course )

**CYBER LAW AND ETHICS**

Time : 3 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.

1. Choose the correct answer (any seven):

2×7=14

- (a) Which of the following is a cybercrime?
  - (i) Hacking
  - (ii) Worm attack
  - (iii) Virus attack
  - (iv) All of the above
  
- (b) The use of the Internet or other electronic means to follow or harass an individual, a group of individuals, or an organization is termed as
  - (i) cyberspace
  - (ii) cyber stalking
  - (iii) pornography
  - (iv) None of the above

(c) \_\_\_\_\_ 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

(d) 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

(e) Digital Signature Certificate is \_\_\_\_\_ requirement under various applications.

(i) statutory

(ii) legislative

(iii) governmental

(iv) voluntary

- (f) Cyber squatting is associated with
- (i) domain name dispute
  - (ii) IP addressing dispute
  - (iii) email dispute
  - (iv) password dispute
- (g) A digital signature is a mathematical technique which validates
- (i) authenticity
  - (ii) integrity
  - (iii) non-repudiation
  - (iv) All of the above
- (h) \_\_\_\_\_ ensures that the message is real, accurate and safeguards from unauthorized user modification during the transmission.
- (i) Authentication
  - (ii) Non-repudiation
  - (iii) Integrity
  - (iv) None of the above

- (i) Prosecution has to give copies of
- (i) all electronic records relied upon by the prosecution to the accused
  - (ii) only those copies of the electronic records which are contained external hard disk, pen drives, CD, etc.
  - (iii) non-electronic records involved in the case to the accused
  - (iv) only certain electronic documents to the accused
- (j) Which of the following Sections draws a pre-sumption that a secure electronic record has not been altered since the point of time to which the secure status relates?
- (i) Section 85 B of the Indian Evidence Act, 1872
  - (ii) Section 3 of the IT Act, 2000
  - (iii) Section 192 of the Indian Penal Code, 1860
  - (iv) Section 200 of the CrPC

2. 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
3. What does ethics have to do with technology? Explain with rationale. 14
4. Give your understanding over the control of government over the Internet. Is it good or bad? Explain with a suitable case study. 14
5. How does cyber security become an integral part of a person's life? Explain it with suitable example. <https://www.akubihar.com> 14
6. Discuss about the IT Act, 2000 and its salient features with the context of individual being booked under this Act. 14
7. Does the IT Act, 2000 also mention about the cybercrime against the government? If yes, then elaborate with suitable example. 14
8. What are the human rights from cyberspace perspectives? Explain and try to correlate them with existing human rights. 14
9. Is there any government agency being set up for improving enforcement measures against copyright piracy? 14

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