Examination October 2020

B.Sc. T.Y (Sem-VI)

2040A Computer Science Paper-CSO-20 (Ethics & Cyber Low)

Time: One Hour   **Max. Marks: 25**

instruction

- solve any 25 questions from Q.1 to Q.30

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1 Which of the following is not a type of cyber crime?

(A) Data theft   (B) Forgery   (C) Damage to data and systems   (D) Installing antivirus for protection

2 ---------means a representation of information, knowledge, facts, concepts or instructions.

(A) Data   (B) Signature   (C) Access   (D) Program

3 In which year India's IT Act came into existence?

(A) 2000   (B) 2001   (C) 2002   (D) 2003

4 Cyber-crime can be categorized into ------------types.

(A) 4   (B) 3   (C) 2   (D) 6

5 ------------ is set of promises between two entities.

(A) Contract   (B) Law   (C) Jurisdiction   (D) Mutual understanding

6 ----------- is proposed to provide for the use and acceptance of electronic records and digital Signatures in the government offices and its agencies.

(A) E-governance   (B) Paper governance   (C) Mechanical governance   (D) None of the above

7 ------------indicates rules and regulations to be obeyed in the organizations

(A) Ethics   (B) Law   (C) moral   (D) Privacy

8 Ethics was invented by _____

(A) Immanuel Kant   (B) Bill Gates   (C) Team Patterson   (D) Denis Ritchie

9 -------- is a generic term which refers to all the legal and regulatory aspects of Internet and World Wide Web.

(A) Cyber law   (B) Cyber cafe   (C) Electronic law   (D) None of above

10 License is granted by _____

(A) owner   (B) Operator   (C) Certifying Authority   (D) none

11 Code of ethics do not includes --------

(A) Fair treatment   (B) Communication   (C) Software Piracy   (D) co-operation

12 To determine what is a right and then doing the right thing is called _____

(A) moral   (B) Ethics   (C) Law   (D) Patent

13 To make the exact copy of a program is termed as ---------

(A) Copyright   (B) Software piracy   (C) Fair use   (D) Law

14 In public key encryption if A wants to send an encrypted message

(A) A encrypts message using his private key   (B) A encrypts message using B's private key   (C) A encrypts message using B's public key   (D) A encrypts message using his public key

15 A computer virus is ---------.

(A) Useful program   (B) Enter a computer with owner's knowledge   (C) Cannot alter how a computer operator, computer bug   (D) Harmful Program

16 In public key cryptosystem which is kept as public?

(A) Encryption keys   (B) Decryption keys   (C) Encryption & Decryption keys   (D) None of the mentioned

17 Is the easiest way of communication?

(A) E-mail   (B) Telephone   (C) Fax   (D) Letter

18 The information that gets transformed in encryption is ------------

(A) Plain text   (B) Parallel text   (C) Encrypted text   (D) Decrypted text

19 The digital signature provides authentication to the

(A) Sender   (B) Message   (C) Sender & Message   (D) None of the mentioned

20 An -------------- is a private network that uses the Internet model.

(A) intranet   (B) Internet   (C) Extranet   (D) None of the above

21 What are the parts of network structure?

(A) Workstation   (B) Gateway   (C) Laptop   (D) All of the mentioned

22 What is a valid network topology?

(A) Multi-access bus   (B) Ring   (C) Star   (D) All of the mentioned

23 Encryption transformations are known as

(A) Diffusion   (B) Confusion   (C) Diffusion & Confusion   (D) None of the mentioned

24 Which algorithm can be used to sign a message?

(A) Public key algorithm   (B) Private Key algorithm   (C) Public & Private Key algorithm   (D) None of the mentioned

25 What are sites in network topology compared?

(A) Basic cost   (B) Communication cost   (C) Reliability   (D) All of the mentioned

26 Which design features of a communication network are important?

(A) Naming and name resolution   (B) Routing strategies   (C) Connection strategies   (D) All of the mentioned

27 ------------ is not an example of a computer as weapon cyber crime

(A) credit card fraudulent   (B) Spying someone using keylogger   (C) IPR Violation   (D) None

28 -------------- is not done by cyber criminals.

(A) Unauthorized account access   (B) Mass attack using Trojans as botnets   (C) Email spoofing and spamming   (D) Report vulnerability in any system

29 The altering of data so that it is not usable unless the changes are undone is

(A) Ergonomics   (B) Compression   (C) Biometrics   (D) Encryption

30 Pirated software means _____

(A) Software with license   (B) Duplicate software   (C) Software without license   (D) Copied software