PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION MAY 2022
(Sixth Semester)

Branch – COMPUTER SCIENCE

DISCIPLINE SPECIFIC ELECTIVE – II : CYBER FORENSICS

Time: Three Hours   Maximum: 75 Marks

SECTION-A (10 Marks)
Answer ALL questions
ALL questions carry EQUAL marks   (10 x 1 = 10)

1 Phishing is a type of social engineering attack often used to _____ including login credentials and card details.
   (i)   steal user data   (ii)   find ip address
   (iii) access other system   (iv) protect user data

2 Cryptocurrency was invented in the year _____
   (i)   2008   (ii)   2010
   (iii) 2009   (iv)   2011

3 _____ is one of the method to prevent cyber crime
   (i)   using strong password   (ii)   personaliztion
   (iii) mapping   (iv) None of the Above

4 _____ defined as the branch of forensic science that analyzes, examines, identifies and recovers the digital evidences residing on electronic devices. It is commonly used for criminal law and private investigations.
   (i)   Digital Forensics   (ii)   cybercrime
   (iii) cyber law   (iv) cyber security

5 The _____ is anything which your search engine cannot search
   (i)   Haunted web   (ii)   World Wide Web
   (iii) Surface web   (iv) Deep Web

6 What is UTXO?
   (i)   United Transaction Office   (ii)   United Texan Xerox Organization
   (iii) Unspent Transaction Output   (iv) Union of Texas Operation

7 _____ is the Password Recovery tool?
   (i)   Recuva   (ii)   Disk Drill
   (iii) LC3   (iv) Passware

8 The key to Forensic Investigation is 1. Preserver 2. Analyse 3. Report 4. Collect. Arrange them in the correct sequence:
   (i)   1,3,4,2   (ii)   2,3,4,1
   (iii) 4,1,2,3   (iv) 4,1,3,2

9 What is the name of the IT law that India is having in the indian legislature?
   (i)   India's Technology(IT) Act, 2000
   (ii) India's Information Technology(IT) Act, 2010
   (iii) India's Digital Information Technology(DIT) Act, 2000
   (iv) India's Technology(IT) Act, 2008

10 In which year the Indian IT Act, 2000 got updated?
    (i) 2008   (ii) 2010
    (iii) 2009   (iv) 2011

SECTION - B (25 Marks)
Answer ALL questions
ALL questions carry EQUAL Marks   (5 x 5 = 25)

11 a Explain the various Types of Cyber Crime.
                         OR
   b Evaluate the challenges and Strategies in cyber crime.

12 a Describe about Cryptocurrency.
                         OR
   b Explain the Forensics Incident and Incident Handling.

13 a Describe the Digital evidence from standalone computers.
                         OR
   b Evaluate capturing of forensic copy of memory and Hard drive with tool kit.

14 a Illustrate Forensic tools used for Data Recovery.
                         OR
   b Explain about Forensic Analysis tools used in Mobile Devices.

15 a Summarize "cyber laws in India".
                         OR
   b Sketch a note on crime against individual.

SECTION -C (40 Marks)
Answer ALL questions
ALL questions carry EQUAL Marks   (5 x 8 = 40)

16 a Explain the crime associated with mobile electronic communication devices.
                         OR
   b Describe about execution of cybercrime and tools used in cybercrime.

17 a Illustrate cybercrime against nation.
                         OR
   b Explain the "Mobile and GPS Forensics".

18 a Summarize the challenges with Digital Evidence.
                         OR
   b Discuss "E-mail Tracking and Tracing".

19 a Illustrate the Forensic tools used for Encryption and Decryption.
                         OR
   b Point out the features Forensic Tools for password Recovery.

20 a Discuss about IT Act 2000.
                         OR
   b Outline the Cyber laws for Cyber Security.

                        Z-Z-Z   **END**