B.E. (Computer Science & Engineering) Eighth Semester (C.B.S.)

Elective-IV : Digital Forensic

P. Pages : 2

Time : Three Hours

0703

NRT/KS/19/3699

Max. Marks : 80

_____

Notes : 1. All questions carry marks as indicated.
2. Solve Question 1 OR Questions No. 2.
3. Solve Question 3 OR Questions No. 4.
4. Solve Question 5 OR Questions No. 6.
5. Solve Question 7 OR Questions No. 8.
6. Solve Question 9 OR Questions No. 10.
7. Solve Question 11 OR Questions No. 12.
8. Due credit will be given to neatness and adequate dimensions.
9. Assume suitable data whenever necessary.

1. a) What is computer forensics? Discuss its objectives, roles and priorities. **7**

b) Explain the processing steps of conduction of Investigation. **6**

OR

2. a) Differentiate between open system and closed system. **6**

b) Discuss the topic "society would be better without digital devices". **7**

3. a) What is Internet Protocol Suit? Explain the TCP/IP mode with respect to digital forensics. **7**

b) Draw a neat sketch of seven element security model and explain it in detail. **6**

OR

4. a) Write a short notes on Digital devices in society. **7**

b) Analyse the concept of knowing and unknowing explain in detail. **6**

5. a) What are the services provided by computer forensics? **7**

b) Explain computer forensic Assistance to human resources and employment proceedings. **7**

OR

6. a) What are the steps taken by computer Forensic specialist. **7**

b) What is computer crime? Discuss roles, objectives of computer forensics. **7**

7. a) Explain the various types of military computer forensic technology. Write on CFX 2000 Schematic with figure. **7**

b) What are different tips to avoid computer virus, Trojan and worm programs. **6**

OR

8.	a)	Explain Internet tracking methods.	**7**
	b)	Write short notes on encryption methods.	**6**
9.	a)	Discuss about Homeland Security System (HSS).	**7**
	b)	What is computer forensics incident response procedure? Explain it.	**6**

OR

10.	a)	Justify the use of Risk management techniques in fighting cybercrime.	**7**
	b)	Describe forensic process improvement.	**6**
11.	a)	Justify the statement "Hack yourself before somebody else does".	**7**
	b)	Illustrate how privacy of individual is violated? Device some solution to stop it.	**7**

OR

| **12.** | a) | What are hacking and differentiate between good and bad hacker. | **7** |
| | b) | Discuss the topics | **7** |

      i)   Computer Free Encryption
      ii) Public key Encryption

****