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> IT'S HARD TO BEAT A PERSON WHO NEVER GIVES UP.
>
> Babe Ruth, American professional baseball player
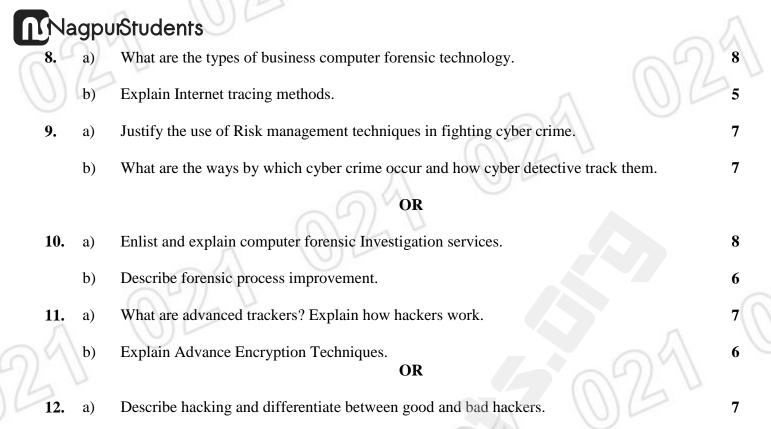
B.E.Eighth Semester (Computer Science & Engineering) (C.B.S.)
Elective - IV : Digital Forensics

P. Pages : 2

Time : Three Hours

||| *0757* |||

Max. Marks : 80

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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. Assume suitable data whenever necessary.
9. Illustrate your answers whenever necessary with the help of neat sketches.

1. a) What are the roles played by digital devices in forensic? **6**

   b) Differentiate between open system and closed system. **7**

OR

2. a) What is mean by previewing and imaging? Explain online and offline previewing and imaging. **6**

   b) Describe the examination principles and discuss seizure issues. **7**

3. a) Explain developmental model of digital systems. **7**

   b) Write a short note on Evidence interpretation collection. **6**

OR

4. a) Describe seven element security model of information security. **7**

   b) Explain OSI model with respect to digital forensic. **6**

5. a) What is computer forensic? How it assist to human resource or employment proceedings. **7**

   b) What are the steps taken by computer forensic specialist? **7**

OR

6. a) What are computer forensic service? Explain it in detail. **8**

   b) Who can use computer forensic Evidence? **6**

7. a) What are the types of military computer forensic technology. **7**

   b) How a computer forensic technology are used in law enforcement. **6**

OR

8.	a)	What are the types of business computer forensic technology.	**8**
	b)	Explain Internet tracing methods.	**5**
9.	a)	Justify the use of Risk management techniques in fighting cyber crime.	**7**
	b)	What are the ways by which cyber crime occur and how cyber detective track them.	**7**

OR

10.	a)	Enlist and explain computer forensic Investigation services.	**8**
	b)	Describe forensic process improvement.	**6**
11.	a)	What are advanced trackers? Explain how hackers work.	**7**
	b)	Explain Advance Encryption Techniques.	**6**

OR

12.	a)	Describe hacking and differentiate between good and bad hackers.	**7**
	b)	Illustrate how privacy of individual is violated? Devise some solutions to stop it.	**6**

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High expectations are the key to everything.

~ Sam Walton

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