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P.E.S. College of Engineering, Mandya - 571 401

(An Autonomous Institution affiliated to VTU, Belgaum)

Seventh Semester, B.E. - Information Science and Engineering
Semester End Examination; Dec - 2016/Jan - 2017
Cyber Security

Time: 3 hrs   *Max. Marks: 100*

Note*: Answer **FIVE** full questions, selecting **ONE** full question from each unit.*

UNIT - I

1 a.	Distinguish between Cyber security policy and Cyber Security strategy.	10
b.	Explain Cyber Security management cycle.	10
2 a.	Explain how e-commerce domain increased Cyber Security threats?	10
b.	Point-out confidentiality, integrity and availability in Cyber Security.	10

UNIT - II

3 a.	Distinguish between Techno-crime and Techno-vandalism.	10
b.	Classify cybercrimes and give example for each one.	10
4 a.	List and explain three phases involved in cybercrime attack.	10
b.	Define cyberstalking. Distinguish between online and offline stalkers.	10

UNIT - III

5 a.	Relate with a suitable example the necessity of password cracking.	10
b.	List and explain any Four password cracking tools.	10
6 a.	Explain different categories of Virus.	10
b.	Describe various measures to protect from DOS/DDOS attack.	10

UNIT - IV

7 a.	Discover the methods used by Phishers to get the information.	10
b.	Distinguish between Deceptive Phishing and Session hijacking.	10
8 a.	Describe the various techniques used by Phishers to launch phishing attacks.	10
b.	Explain different measures to avoid Phishing attack.	10

UNIT - V

9 a.	Describe the necessity of cyberlaws in India.	10
b.	Explain CHAPTER III of Indian ITA 2000.	10
10 a.	Outline cybercrime challenges to Indian law.	10
b.	With a neat diagram, explain the Cyber Security perspective of European Union.	10

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