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

(An Autonomous Institution affiliated to VTU, Belagavi)
Seventh Semester, B.E. - Information Science and Engineering
Semester End Examination; Dec - 2017/Jan - 2018
Cyber Security

Time: 3 hrs *Max. Marks: 100*

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

UNIT - I

1 a.	Define cyber security. Describe the domains of cyber security policy.	10
b.	Explain the laws and regulations of cyber security.	10
2 a.	Explain how e-commerce domain increased cyber security threats?	10
b.	Compare internet with e-commerce.	10

UNIT - II

3 a.	What is cybercrime? Explain the evolution of cybercrime.	10
b.	List out and explain the classifications of cybercrimes.	10
4 a.	Describe the three phases involved in cybercrime attack.	10
b.	Define cyber stalking. Distinguish between online and offline stalker.	10

UNIT - III

5 a.	What is proxy server? Explain the purposes of proxy server. List out few website of free proxy servers.	10
b.	Derive phishing. Explain how phishing works?	6
c.	Mention the purpose of password cracking.	4
6 a.	Compare virus and worms.	10
b.	What is Backdoor? What a Backdoor does? Give some examples of Backdoor.	10

UNIT - IV

7 a.	List out and explain the different types of phishing techniques.	10
b.	Distinguish between phishing toolkits and spy phishing.	10
8 a.	Define Identity theft. List out and explain any two types of Identity theft.	10
b.	Mention and explain the different techniques of Identity theft (any two).	10

UNIT - V

9 a.	Explain European union cyber security perspectives.	10
b.	Compare Federal Laws in the Canada and US.	10
10 a.	Explain why do we need the Indian context cyber laws?	10
b.	Outline the challenges to Indian law and cyber crime scenario in India.	10

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