

	MAHENDRA ARTS & SCIENCE COLLEGE (AUTONOMOUS) Affiliated to Periyar University			
	BCA – END SEMESTER EXAMINATIONS Nov/Dec – 2020 Fifth Semester			
M16UCA16 – CYBER SECURITY (BCA) (Regulations – 2016)				
Time:	3.00 Hours		Maximum :	75 Marks

PART – A (ANSWER ALL THE QUESTIONS) (10 * 2 =20 Marks)

1. What are the reasons for commission of cyber crimes?
2. What is a password manager?
3. What is ment by WLAN?
4. What are the factors depends on wireless security?
5. What are the factors of authentication?
6. What is packet filtering firewall?
7. What are the types of proxies?
8. Write a note on rogue antivirus.
9. What are the modes of rootkits?
10. Define Shellcode.

PART – B (ANSWER ALL THE QUESTIONS) (5 * 5 =25 Marks)

11. (a) Explain the computer forensic investigation steps. (OR)
(b) Explain the free antivirus.
12. (a) What are the major issues with WLAN? (OR)
(b) Explain the guidelines for safe internet browsing.
13. (a) Write a hierarchical structure of the domain name system. (OR)
(b) Write a concept of symmetric encryption.
14. (a) Write about the click fraud. (OR)
(b) Explain the mobile malicious code.
15. (a) Explain the self replicating malicious code. (OR)
(b) Explain the man in the middle attacks.

PART – C (ANSWER ANY THREE QUESTIONS) (3 * 10 =30 Marks)

16. Write in detail on the classification of cyber crimes.
17. Discuss the various tips for buying online.
18. Explain the information assurance fundamentals.
19. Describe the tunneling techniques.
20. Explain the concept of stack based buffer overflow.
