SRM Institute of Science and Technology
Department of Information Technology
15IT412-Information Assurance and Security
CT3 Examination

Degree : B.Tech
Year/Sem: IV/7TH SEM
Duration : 140 minutes

Specialisation: IT
Date:24/10/2018
Max. Marks: 50

PART A (Answer any Five)   (5*4=20)

1. What is CVE?
2. What are the types of malware?
3. Difference between WPA and WEP?
4. What is penetration testing? What are the types of penetration test?
5. What are the methods to detect malware?
6. What do you mean by database vulnerability scanner?
7. What is Kerberos?

PART B (Answer any two)   (2*15=30)

8a .   i. Compare SDLC and SecSDLC with respect to each phase.   (8 marks)
       ii. Explain the sphere of security with neat diagram.   (7 marks)

[OR]

8b.   Explain firewall and the various architectural implementations of firewall
      with neat diagrams.   (15 marks)

9a.   Explain Intrusion Detection System and its types?   (15 marks)

[OR]

9b.   i.Explain Information Assurance Metrics program   (8marks)
      ii. What is Vulnerability Scanner? What are the types of scanners?(7 marks)