

SRM University, Kattankulathur  
Faculty of Engineering and Technology, Department of Information Technology  
IT1119 –Network Security  
Cycle Test – I

Degree : B.Tech  
Year/Sem: IV/7<sup>TH</sup> SEM  
Duration : 50 Minutes

Specialisation: IT  
Date:9/08/2016  
Max. Marks:25

**INSTRUCTIONAL OBJECTIVES**

1. Understand and Demonstrate the basic concepts of networks, networking devices and various attacks possible on networking devices

**STUDENT OUTCOMES:**

This course presents the following outcomes as required by ABET

1. An ability to use and apply current technical concepts and practices in the core information technologies (Outcome j)

Part-A [Answer Any three Questions]

(3x4=12 Marks)

- 1.What is the difference between active and passive attack?
- 2.What is the use of covert channels?
3. Mention the types of malicious software.
4. What do you mean by intrusion prevention system.

Part-B [Answer the question]

(1x13=13 Marks)

5.Differentiate Signature based IDS and Anomaly based IDS.

(13 Marks)

[OR]

6.Explain multi level model of security.

(13 Marks)

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**Mark Allotment**

Question No	Instructional Objectives	Course Outcome	Marks		Outcome Met/Not Met	Mark Scored (/25)
			Max Marks	Obtained Marks		
1	IO1	J	4			
2	IO1	J	4			
3	IO1	J	4			
4	IO1	J	4			
5/6	IO1	J	13			

**OUTCOMES**

MET	NOT MET

Staff Signature with date