

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

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

Specialisation: IT  
Date:4/10/2016  
Max. Marks:25

INSTRUCTIONAL OBJECTIVES

1. Understand the concept of IP security and its architecture

STUDENT OUTCOMES:

This course presents the following outcomes as required by ABET

1.An understanding of the best practices and standards and their application(Outcome m)

Sub-Outcomes:

m1):An ability to understand various standards in network security.

Part-A [Answer Any Three Questions]

(3x4=12 Marks)

1.Define SA in IPSEC and also list its parameters

2.Draw the Authentication header and explain its fields

3.List the features of OAKLEY

4.Write about any 4 payload types in ISAKMP

Part-B [Answer the question]

(1x13=13 Marks)

5. Draw and explain the packet format of AH and ESP

(13 Marks)

[OR]

6. Explain about IPsec key exchange phase I in main mode and aggressive mode.

(13 Marks)

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Instructional Objective covered in this test:

1. Understand the concept of IP security and its architecture

Student outcome covered in this test:

- 1.An understanding of the best practices and standards and their application(Outcome m)

Sub-Outcomes:

- m1):An ability to understand various standards in network security.

Mark Allotment

Question No	Instructional Objectives	Course Outcome/Sub-outcome	Marks		Outcome Met/Not Met	Mark Scored (/25)
			Max Marks	Obtained Marks		
1	IO2	m/m1	4			
2	IO2	m/m1	4			
3	IO2	m/m1	4			
4	IO2	m/m1	4			
5/6	IO2	m/m1	13			

OUTCOMES

MET	NOT MET

Staff Signature with date