

UJIAN TENGAH SEMESTER
SEMESTER PENDEK 2022/2023

Mata Kuliah : IFB 302 Keamanan Jaringan
Program Studi : Informatika
Dosen : Lisa Kristiana Ph.D
Kelas : III AA

Tanggal : 31 Juli 2023.
Waktu : 13.00 – 14.00
Sifat : Closed book

**A. CPMK 1 Mahasiswa dapat menjelaskan OSI Layer dan IoT Network Layer, Jenis serangan dan cara penanggulangan serangan setiap layer serta memahami manfaat dan cara meningkatkan firewall
Bobot penilaian ini 30% dari total kelulusan**

Bobot Soal A1 dan A2 masing-masing 15 %

A1. explain the functions of the OSI Layer or IoT Network Layer and the types of attacks that occur at each layer.

A2. In case of the BSI Syariah Cyber attack, what type of attack was carried out by the attacker and how to deal/defense with the attack

Bobot Soal A3 40%

A3. Based the answer from A1, please explain how to defend against attacks that occur at each layer.

Bobot Soal A4 30%

A4. Explain what a firewall is and how does each type of firewall works then explain the techniques/methods to improve firewall capabilities.