

Inside Internet : The Internet Technologies

Evaluation - OA1

Instructor: Rajat Rai

Time: 45 minutes

Maximum Points : 10

Instruction:

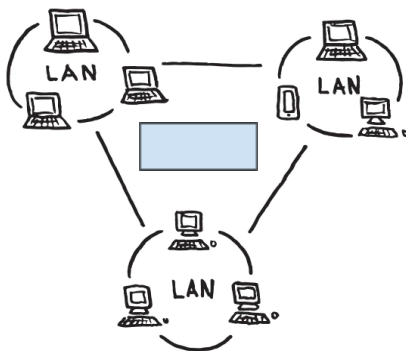
- The exam does not contain any negative marking, though you are encouraged to attempt every question.
- Adhere to the word limit, if mentioned.
- Scan and send the pdf copy to **therajatraiofficial@gmail.com**, before or at 7:00 pm, otherwise the submission would be null and void.

Problem 01 (Try to answer in 50-80 words)

What made ARPANET a perfect predecessor of the Internet ? How are TCP and IP different and yet work together ?

Problem 02 (Try to answer in 50-80 words)

Identify the network type based on scale :



The Internet is also known as a network of networks. Why ?

Problem 03 (Try to answer in 100 words)

Network security is the security provided to a network from unauthorised access and risks. It is the duty of network administrators to adopt preventive measures to protect their networks from potential security threats.

Based on above note answer:

How is data security and network security different ? Why is it important to secure the network ? What do you mean by data encryption ? Why is the firewall important ?