



NE101 – COMPUTER NETWORK


FINAL Exam

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GENERAL INSTRUCTIONS

- In a Microsoft Office application, write your LASTNAME, FIRSTNAME, SUBJECT AND DATE using these pattern.
 - Write your answer after the names format.
 - Send the copy of your MS doc file to my personal messenger as individual requirements.
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The image features a decorative border at the top and bottom consisting of various green and blue leaves and small flowers. The background is a light blue gradient with faint, stylized white lines radiating from the center. The text "ARE YOU READY?" is centered in a bold, dark blue, sans-serif font.

**ARE YOU
READY?**

Test I - TRUE or FALSE



WRITE **YE** IF THE STATEMENT IS CORRECT AND **ANI** IF THE STATEMENT IS INCORRECT. (2PTS EACH)

1. We use DNS name to an IP address to the Address Resolution Protocol (ARP) to map.



Test I - TRUE or FALSE



WRITE **YE** IF THE STATEMENT IS CORRECT AND **ANI** IF THE STATEMENT IS INCORRECT. (2PTS EACH)

2. You type in your browser the URL of a web page. The minimum number of DNS requests that your computer may send out as a result is 1.



Test I - TRUE or FALSE



WRITE **YE** IF THE STATEMENT IS CORRECT AND **ANI** IF THE STATEMENT IS INCORRECT. (2PTS EACH)

3. Alice wants to send 10 bytes of data to Bob and she used UDP to exchange more packets.



Test I - TRUE or FALSE

WRITE **YE** IF THE STATEMENT IS CORRECT AND **ANI** IF THE STATEMENT IS INCORRECT. (2PTS EACH)

4. The goal of an intra-domain routing protocol is that all IP routers in the Internet learn the best path to each other.

Test I - TRUE or FALSE



WRITE **YE** IF THE STATEMENT IS CORRECT AND **ANI** IF THE STATEMENT IS INCORRECT. (2PTS EACH)

5. In the context of a peer-to-peer system like BitTorrent, Which peers host each content file does a distributed hash table (DHT) store.





Test II - ESSAY

(20 POINTS EACH)



Test II - ESSAY



1. What is the difference between end-to-end delay and packet jitter?



Test II - ESSAY



2. What are the causes of packet jitter?



The slide features a decorative border of purple and teal leaves and branches at the top and bottom. The background is white with faint, light purple wavy lines. The text "Thank You" is centered in a bold, dark blue serif font.

Thank You