

CS490-004 Network Programming

Fall 2026

Exercise Questions on October 6, 2026 (PART I)

EXERCISE #1

What are the primary advantages in using “connection-oriented” protocols? Explain how they are the advantages.

What are the primary disadvantages in using “connection-oriented” protocols? Explain how they are the disadvantages.

EXERCISE #2

What are the primary advantages in implementing network applications using peer-to-peer model? Explain how they are the advantages.

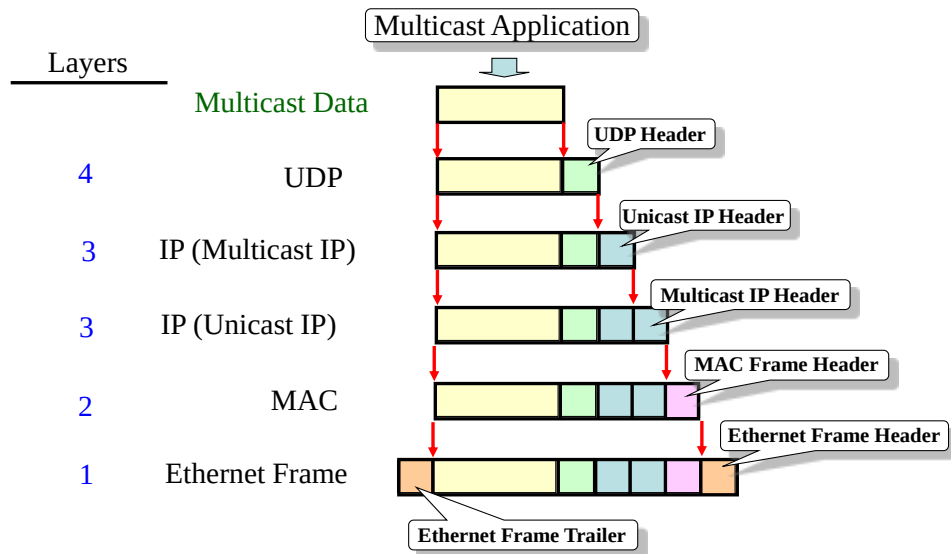
What are the primary disadvantages in implementing network applications using peer-to-peer model? Explain how they are the disadvantages.

EXERCISE #3

What are the primary advantages in implementing network applications using a multi-casting protocol? Explain how they are the advantages.

What are the primary disadvantages in implementing network applications using a multicasting protocol? Explain how they are the disadvantages.

EXERCISE #4



Question: Is this a tunneling?

- If yes, why?
- If not, why not?