



# RAMA UNIVERSITY

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## FACULTY OF ENGINEERING & TECHNOLOGY

### DCS-503 Computer Networks

#### Lecture-05

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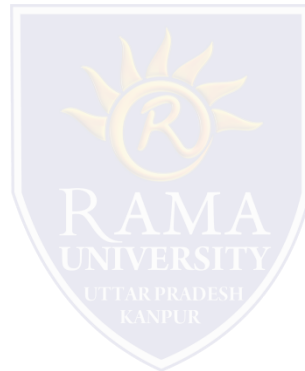
# OUTLINE

➤ NETWORK MODEL

➤ LAYERED TASKS

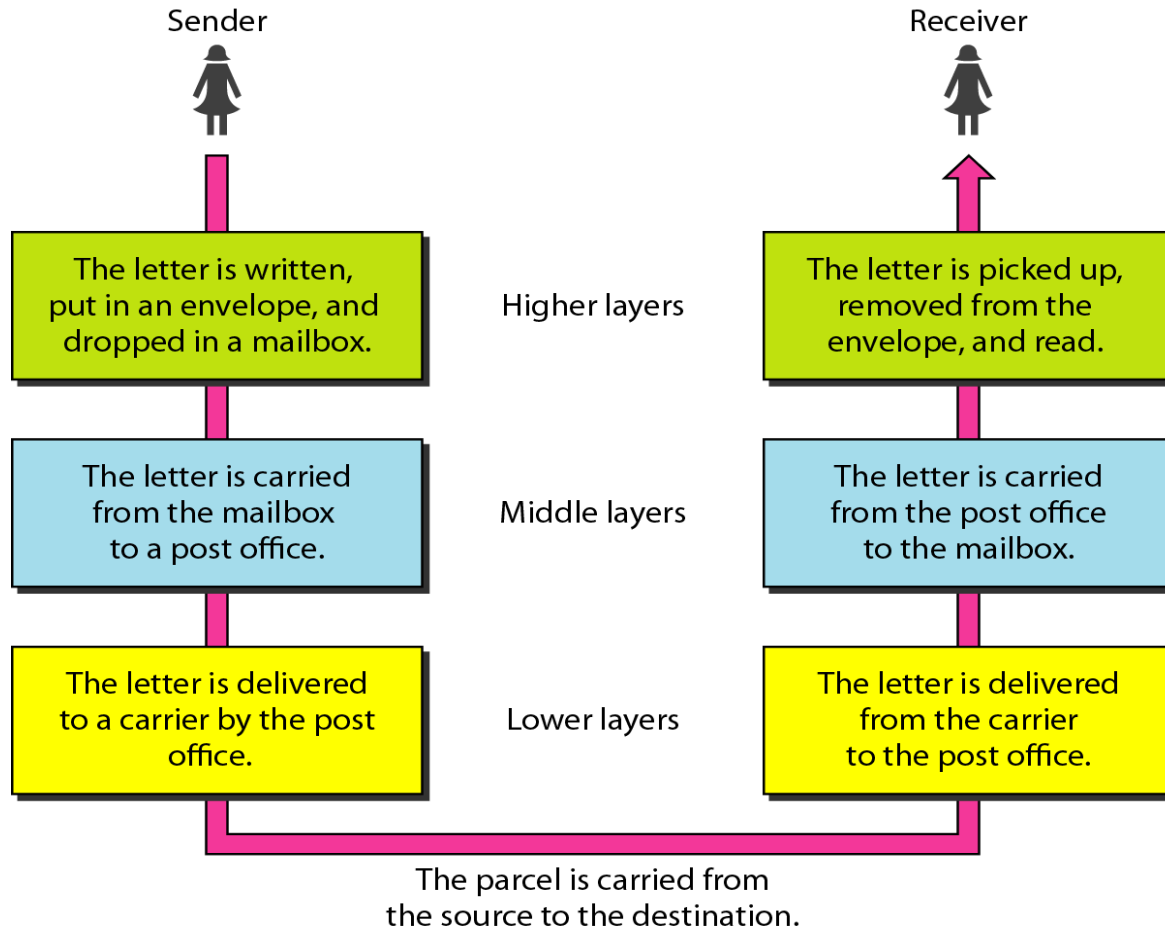
➤ ISO MODEL

➤ EXCHANGE USING ISO MODEL



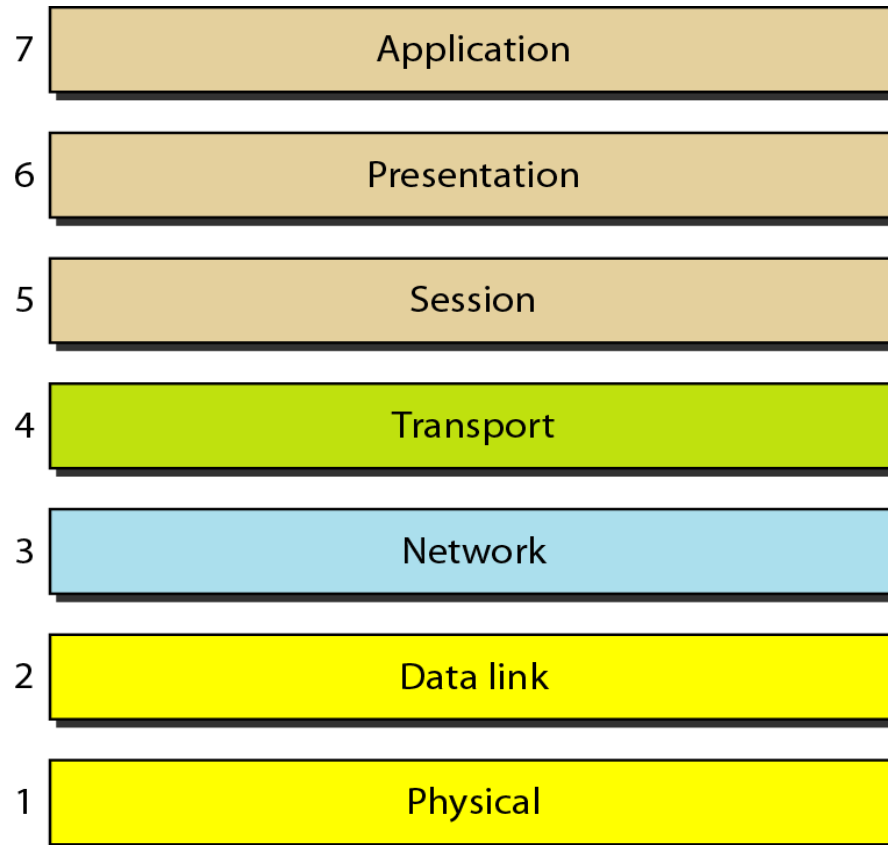
# LAYERED TASKS

We use the concept of layers in our daily life. As an example, let us consider two friends who communicate through postal mail. The process of sending a letter to a friend would be complex if there were no services available from the post office

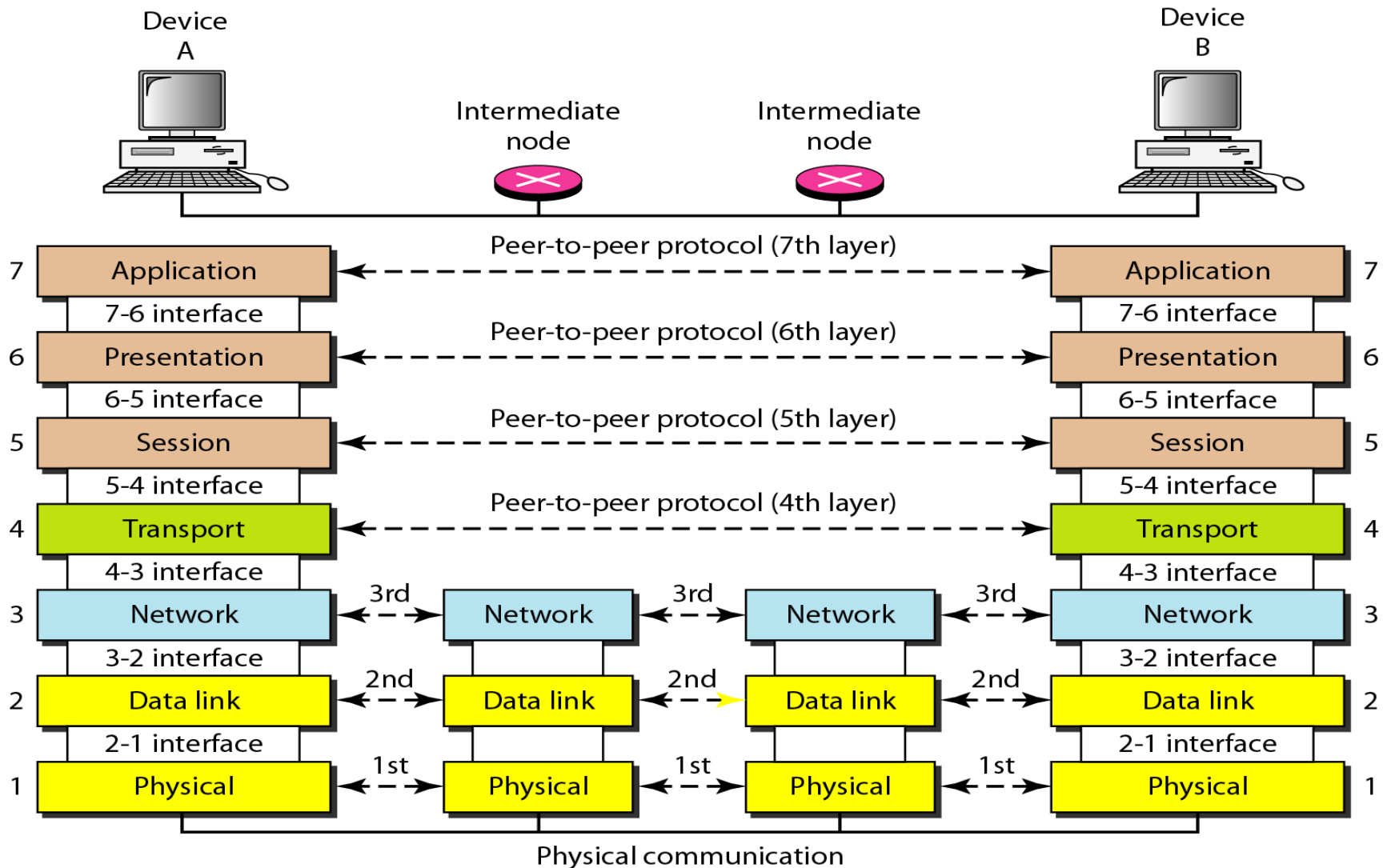


# ISO OSI MODEL

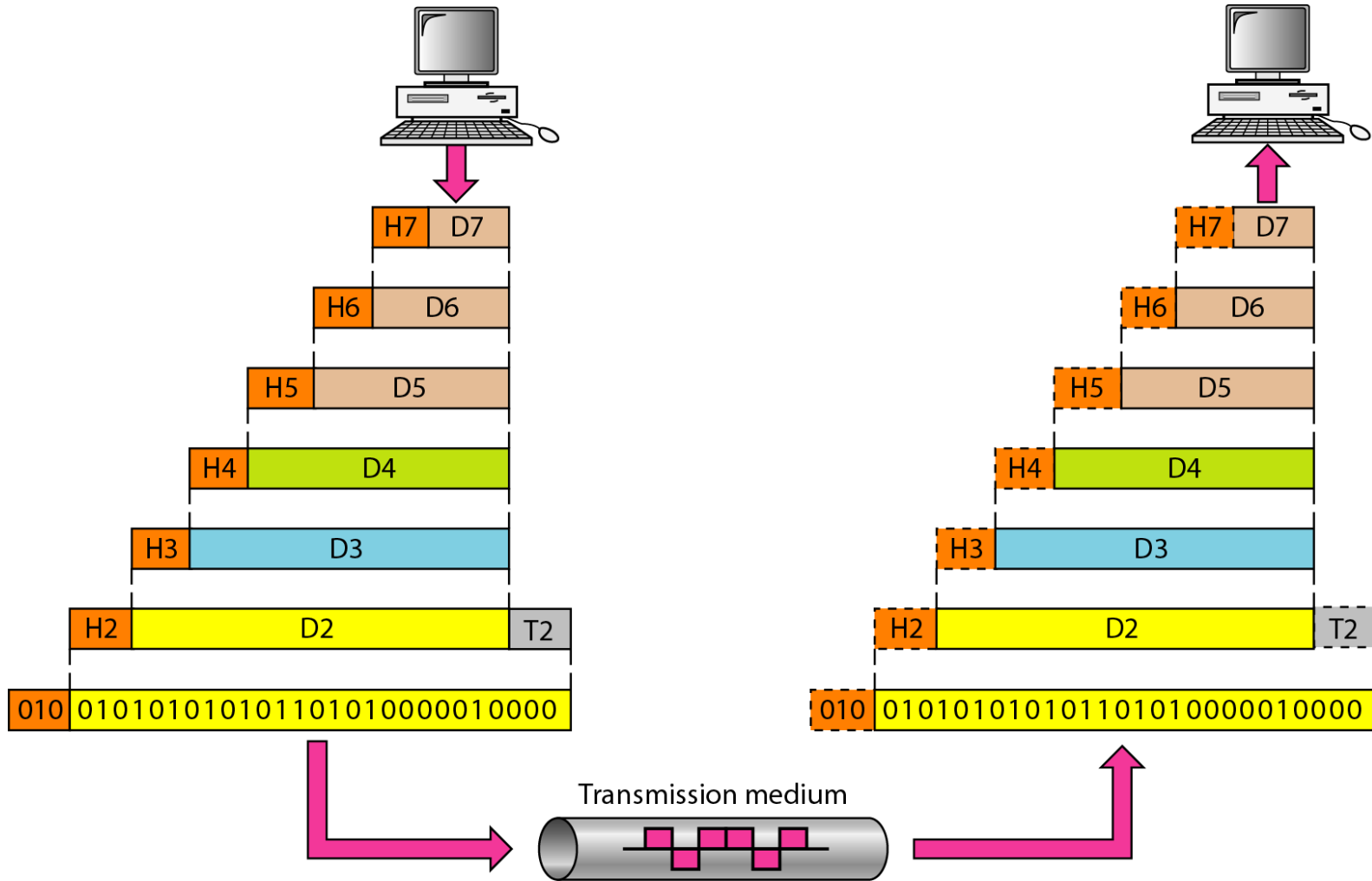
*Established in 1947, the International Standards Organization (ISO) is a multinational body dedicated to worldwide agreement on international standards. An ISO standard that covers all aspects of network communications is the Open Systems Interconnection (OSI) model. It was first introduced in the late 1970s*



# The interaction between layers in the OSI model



# An exchange using the OSI model



# Multiple Choice Question

## MUTIPLE CHOICE QUESTIONS:

1. The OSI Model is a..... layer model for the design of network systems.

- a)Two                      b)five                      c)seven                      d) eight

2. In the OSI model , headers are added to the data packet at every layer except.....

- A) layer7                      B)layer2                      C)layer 1                      D)a and c

3. In the OSI model , trailer are added to the data packet at layer .....

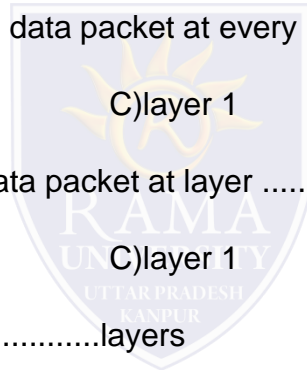
- A) layer7                      B)layer2                      C)layer 1                      D)Layer 3

4. The OSI model defines layer1,2,3 as the .....layers

- A)Physical support                      B)network support                      C)user support                      D)none of above

5. The OSI model defines layer 5,6,7as the .....layers

- A)Physical support                      B)network support                      C)user support                      D)none of above



# REFERENCES

- <http://www.engppt.com/2009/12/networking-fourzan-ppt-slides.html>

