# Data communication and Networks

**Course Code: ECEG3074**

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# Practical Test -1

## Data communication and Networks Lab

## Group B3

# Test -1

1. Why do we perform subnetting in a network?

2. Convert the following subnet masks to CIDR notation:
    a) 255.255.255.192
    b) 255.255.255.240
    c) 255.255.252.0

# Test -1

3.  Subnet the network
    **192.168.25.0/24** into 4 subnets.
    For each subnet, provide:
    ✓ Subnet address
    ✓ First usable address
    ✓ Last usable address
    ✓ Broadcast address