Configuring IP address to routers and
exploring the following messages:

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Ping responses, Destination unreachable, Request timed out,
Reply.

→ A topology was created using three routers and
two PC's connected to the two routers using a
serial DCE and copper cross-over connections.

→ Different default gateways were configured for both
the PC's.

→ An unique IP address was configured for each PC.

→ IP address was configured for each interface using
CLI

→ Pinging PC 1 from PC 0 at this stage gave
destination host unreachable

→ IP routes for each router was viewed using the
command: show ip route.

→ Static IP route was configured for each router
using CLI commands:
    ip route destination Network SubnetMask Next hop Address

→ Pinging PC 0 from PC 1 and PC 1 from PC 0 gave the
required ping responses (reply)

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