

ET0730/ET0808 Network Fundamentals

LAB TEST – PKA PRACTISE

Name _____ Class _____
Admission number _____ Date _____

(B) PRACTICAL TEST (70 marks)

Duration: _ mins

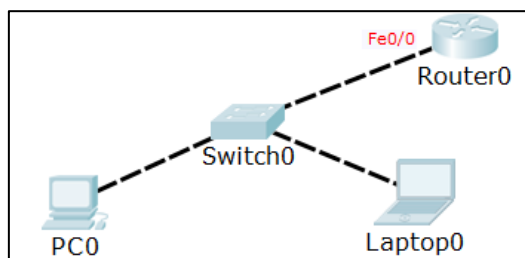


Figure 1. Network for testing

- Figure 1 shows the network for the practical test. The connecting lines in Figure 1 show the connections required between the devices. They **DO NOT** represent the type of cable to be used. The ports of Switch0 chosen for the connections are arbitrary.
- Download the Packet Tracer Activity file (**labpka_practise.pka**) to your laptop.
- Double-click on the pka file and it will open up two windows: the usual Packet Tracer Workplace and the “PT Activity” window.
Minimize both windows so that they are both visible on your laptop.
- Using the details shown on the “PT Activity” window, **FILL IN and complete** the empty boxes in the Table 1.

Device	Interface	IP Address	Subnet Mask
PC0	Ethernet		
Laptop0	Ethernet		
Router0	Fe0/0		
Remark: Subnet mask is dependent on the prefix-length given.			

Table 1 Network configuration requirements for the devices

KEEP the “PT Activity” window visible at all time.

Checkpoint 1: _____

- Connect the devices with the **correct** type of cables. You **MUST** follow **EXACTLY** the devices shown in Figure 1.
- Configure the network setting for all the devices using the information in Table 1.
- Verify the connectivity between PC0 and Laptop0.
- DO NOT** close the pka file as doing so will reset all the settings and marks obtained.
Show the marks to the lecturer for recording.

Checkpoint 2

Marks obtained:	(Max: 70 marks)
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