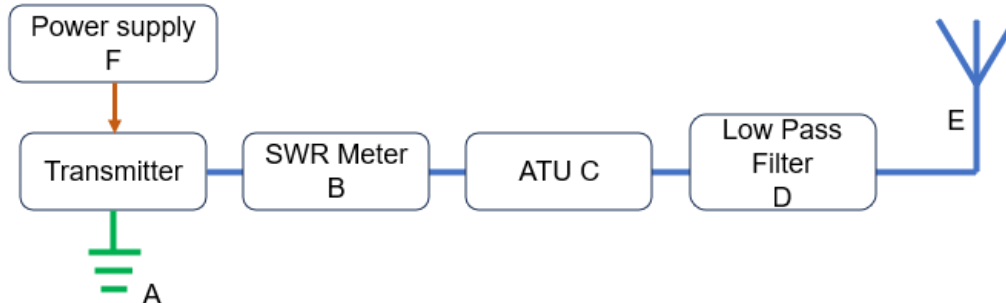


## PRACTICAL

### Section 7– Answers

1. Complete the names of the equipment in the diagram below.



2. In what order should this equipment be connected together?

#### **Connecting.**

- Commence by connecting the earth (A) to the transmitter.
- Connect SWR meter (B) to the transmitter.
- Connect the low pass filter (C) to the SWR meter (B)
- Connect the antenna tuning unit (C) to the filter (D)
- Connect the antenna (E) to the filter(D)
- Connect the power supply (F)

3. In what order should this equipment be disconnected?

#### **Disconnecting is the reverse.**

- Disconnect F
- Disconnect E
- Disconnect D
- Disconnect C
- Disconnect B
- Disconnect A

4. Why should this sequence be followed?

**The earth is connect first and disconnected last so the is minimal chance of an electrical shock to the user.**

**The power supply is connected last and disconnected first so the is minimal chance of an electrical shock to the user.**

Have fun and stay safe.