**Assignment**

1. How do you test if a CRO is working or not?

**Ans:**

1. What is the meaning of the following IC packages type –SOIC and PDIP?

**Ans: SOIC- small outline integrated circuit**

a SOIC package which occupies an area about 30–50% less than an equivalent [dual in-line package](https://en.wikipedia.org/wiki/Dual_in-line_package) (DIP), with a typical thickness being 70% less. They are generally available in the same [pin-outs](https://en.wikipedia.org/wiki/Pin-out) as their counterpart DIP ICs.

**PDIP-** a **dual in-line package** (**DIP** or **DIL**), or **dual in-line pin package** (**DIPP**) is an [electronic component package](https://en.wikipedia.org/wiki/Semiconductor_package) with a rectangular housing and two parallel rows of electrical connecting pins.

**Test Yourself**

1. What is the sweep signal in a CRO and how is it relevant in triggering?

1. Where is a component tester located in the CRO and what are its applications?
2. What is the significance of the ac/dc switch in the CRO?
3. What is the use of an external trigger in a pulse generator?
4. What is the cable that you use for connecting the CRO to the signal point called?

6. What is the connector between the cable and the CRO called?