

PHY100S – The Magic of Physics – Pre-Class Quiz #9

The positron is:

- A. Another name for the proton.
- B. A particle accelerator in Chicago.
- C. A generic term for protons and neutrons.
- D. The electron's antiparticle. **CORRECT**

The word *neutrino*, coined by Fermi:

- A. Is another name for the neutron.
- B. Means "little neutral one." **CORRECT**
- C. Was invented because there were no more Greek letters available to name elementary particles.
- D. Was meant to insult speakers of the Punjabi language like Abdus Salam, for whom it means something obscene.

In the standard model protons and neutrons are:

- A. Point particles.
- B. Made of quarks. **CORRECT**
- C. Mini black holes.
- D. Identical.