

# S-18.4018 Sähköjärjestelmien relesuojaus

(Power system protection)

**Exam 28.10.2010**

9-12 hrs, room I 34~~5~~6

1. List the basic types of protective relays and discuss shortly their use in power system protection.
2. Effects of electricity on human body and the limitation of touch voltages.
3. Protection of transformers using gas relays.
4. Transmission line protection using impedance relays.
5. Earth fault protection of medium voltage distribution system in unearthed and compensated neutral systems.

Please answer to all the five questions

Answers accepted in English, Swedish or Finnish