

BAE 506 Power System Protection

Each 10 marks

- Q1 - sketch & explain primary relaying.
- Q2 - Explain the operation principle of electro-magnetic attraction type relay & write the equation for it.
- Q3 - write the equation & sketch the characteristic curve of current-balance relay
- Q4 - sketch the circuit diagram of ac-wire pilot relay equipment.
- Q5 - sketch wye connection of CTs and equation.
- Q6 - Explain phase sequence filters
- Q7 - describe equal area criterion for transient stability
- Q8 - Explain the impact of series compensator for voltage profile
- Q9 - Explain power flow control and power swing damping
- Q10 - sketch the circuit diagram of ground fault relaying for generator.