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DEPARTMENT: ELECTRICAL/ELECTRONICS ENGINEERING

**Circuit breaker Assignment**

1. A circuit breaker is a mechanical device designed to either open or close is contact members, thus closing or opening an electrical power circuit under or abnormal conditions.
2. A circuit breaker interrupts the fault current and in addition performs the function of a switch
3. Sf6 and air
4. Asymmetrical breaking current is the rms value of the combined AC and DC components of the short circuit current at instant of separation of breaker contacts while symmetrical breaking current is the rms value of the of AC component alone.
5. The rated voltage of the circuit breaker is the maximum rms voltage for which the circuit breaker is designed.
6. Mechanical performance test, thermal test and short circuit test.