

② MOPJAFWD ANSWER SHEET/ONE SAMUEL
15/ENAO4/046

MACHINE APPLICATION AND PROTECTION (EEE 666)

TUTORIAL QUESTIONS

1. A circuit breaker is a device which interrupt the abnormal fault current and in addition performs the function of a switch.
2. A circuit breaker interrupt the fault current while also performing the function of a switch
3. SF₆ and Air
4. Asymmetrical breaking current is the RMS value of the combined sum of the AC & DC components of the short circuit current at the instant of separation of breakers contacts while symmetrical breaking current is the RMS value of the AC component alone.
5. This is the maximum value of the rms voltage, above the normal voltage for which the circuit breaker is designed.
6. Tests are classified as
 - Mechanical performance test
 - Thermal tests
 - Dielectric Test