

## **ELECTRICAL ENGINEERING PRACTICE EXAM** **QUESTIONS AND ANSWERS.**

A flickering ground detection lamp on an AC electrical power panel could be caused by a \_\_\_\_\_.

Correct Answer -Ground in a coil of an operating pump motor.

Accidental grounds in a shipboard electrical system must be repaired as soon as possible as they will \_\_\_\_\_.

Correct Answer -Damage insulation and may cause outages.

A megohmmeter can be used to test for \_\_\_\_\_.

Correct Answer -An open field coil.

A megohmmeter is connected to each end of an individual motor winding. A low ohm reading indicates \_\_\_\_\_.

Correct Answer -Good continuity.

When the insulation breaks down within a metal encased, portable, electrical tool, \_\_\_\_\_.

Correct Answer -Line voltage may be placed on the tool casing making it dangerous to operate.

When a fluorescent lamp has reached the end of its useful life, it should be replaced immediately, or the resultant flashing may \_\_\_\_\_.

Correct Answer -Damage the lamps starter and ballast circuit.

In the illustrated one line diagram, if the turbo generator fails, the diesel generator \_\_\_\_\_.

# Hnc Electrical Engineering Exam Questions

**Rosina Ehmann**



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