

Overview Multi-choice test that measures the knowledge of power semiconductor devices, power electronic converters, drives and control systems.

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| Relevant Job Roles | Electronics Engineer, Electrical Engineer, Instrumentation and Electrical Reliability Engineer, Electronics Engineering Technologist, Circuit Engineer |
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| Details | Language | English (US) |
| | Average Testing Time (minutes) | 15 minutes |
| | Allowed Time (minutes) | 30 minutes |
| | Maximum Number of Questions | 20 questions |
| | Number of Sitzings | One |
| | Test Type | Multiple Choice - CTT |
| | Sector | Engineering |
| | Scores Reported | <ul style="list-style-type: none">• Overall Score• Control Systems• Drives• Power Semiconductor Devices• Power Electronics Converters |
| | O*NET Competency | Engineering and Technology |

Knowledge, Skills, Abilities And Competencies Measured

The following areas are covered:

- Fundamentals of control systems
- P/PI/PID controllers
- Bode plot and stability determination
- AC drives
- DC drives
- Industrial drives
- AC to AC convertors
- AC to DC converters
- DC to AC converters
- DC to DC converters
- Semiconductor devices
- Thyristor