



LET ASSESSMENT REVIEW

FOR

SURNAME:

NAME:

ASSESSMENT DATE:

Candidate: _____

Final Mark

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Assessor: _____

Q1 Relates to AS/NZS Wiring Rule 3000 (4 marks)

- | | |
|--|---|
| | All parts correctly answered |
| | Correct answer with Wiring Rule Clause Number incorrect or not provided |
| | Correct answer with part of Wiring Rule Clause Number incorrect or not provided |
| | Incorrect answer with correct Wiring Rule Clause Number |
| | Incorrect answer and incorrect Wiring Rule Clause Number |
| | Question not attempted |
| | MARKS AWARDED |

Q2 Relates to AS/NZS Wiring Rule 3000 (4 marks)

- | | |
|--|---|
| | All parts correctly answered |
| | Correct answer with Wiring Rule Clause Number incorrect or not provided |
| | Correct answer with part of Wiring Rule Clause Number incorrect or not provided |
| | Incorrect answer with correct Wiring Rule Clause Number |
| | Incorrect answer and incorrect Wiring Rule Clause Number |
| | Question not attempted |
| | MARKS AWARDED |

Q3 Relates to AS/NZS Wiring Rule 3000 (4 marks)

- | | |
|--|---|
| | All parts correctly answered |
| | Correct answer with Wiring Rule Clause Number incorrect or not provided |
| | Correct answer with part of Wiring Rule Clause Number incorrect or not provided |
| | Incorrect answer with correct Wiring Rule Clause Number |
| | Incorrect answer and incorrect Wiring Rule Clause Number |
| | Question not attempted |
| | MARKS AWARDED |

Q4 Relates to AS/NZS Wiring Rule 3000 (4 marks)

- | | |
|--|---|
| | All parts correctly answered |
| | Correct answer with Wiring Rule Clause Number incorrect or not provided |
| | Correct answer with part of Wiring Rule Clause Number incorrect or not provided |
| | Incorrect answer with correct Wiring Rule Clause Number |
| | Incorrect answer and incorrect Wiring Rule Clause Number |
| | Question not attempted |
| | MARKS AWARDED |

Q5 Relates to AS/NZS Wiring Rule 3000 (4 marks)

<input type="checkbox"/>	All parts correctly answered
<input type="checkbox"/>	Correct answer with Wiring Rule Clause Number incorrect or not provided
<input type="checkbox"/>	Correct answer with part of Wiring Rule Clause Number incorrect or not provided
<input type="checkbox"/>	Incorrect answer with correct Wiring Rule Clause Number
<input type="checkbox"/>	Incorrect answer and incorrect Wiring Rule Clause Number
<input type="checkbox"/>	Question not attempted
<input type="checkbox"/>	MARKS AWARDED

Q6 Relates to AS/NZS 3012 Construction and Demolition Sites (6 marks)

<input type="checkbox"/>	All parts correctly answered
<input type="checkbox"/>	Correct answer with Construction & Demolition Sites Clause Number incorrect or not provided
<input type="checkbox"/>	Correct answer with Construction & Demolition Sites Clause Number incomplete
<input type="checkbox"/>	Incorrect answer with correct Construction & Demolition Sites Clause Number
<input type="checkbox"/>	Incorrect answer with incorrect Construction & Demolition Sites Clause Number
<input type="checkbox"/>	Question not attempted
<input type="checkbox"/>	MARKS AWARDED

Q7 Relates to Electricity Safety Regulation 1999 and Amendments (4 marks)

<input type="checkbox"/>	All parts correctly answered
<input type="checkbox"/>	Correct answer with Electricity Safety Regulation Number incorrect or not provided
<input type="checkbox"/>	Correct answer with part of Electricity Safety Regulation Number incorrect or not provided
<input type="checkbox"/>	Incorrect answer with correct Electricity Safety Regulation Number
<input type="checkbox"/>	Incorrect answer with incorrect Electricity Safety Regulation Number
<input type="checkbox"/>	Question not attempted
<input type="checkbox"/>	MARKS AWARDED

Q8 Electric Shock Survival (2 marks)

<input type="checkbox"/>	Correct answer
<input type="checkbox"/>	Incorrect answer
<input type="checkbox"/>	Part of the answer is correct
<input type="checkbox"/>	Question not attempted
<input type="checkbox"/>	MARKS AWARDED

Q9 Cable Selection (8 marks)

<input type="checkbox"/>	All parts correctly answered
<input type="checkbox"/>	Table number/s incorrect or not provided
<input type="checkbox"/>	Calculations incorrect or not provided
<input type="checkbox"/>	Units incorrect or not provided
<input type="checkbox"/>	Part (i)
<input type="checkbox"/>	Current carrying capacity for each cable correct
<input type="checkbox"/>	Current carrying capacity for each cable incorrect or not provided
<input type="checkbox"/>	Current carrying capacity for the number conductors connected in parallel correct
<input type="checkbox"/>	Current carrying capacity for the number of conductors connected in parallel incorrect or not provided
<input type="checkbox"/>	Derating value correct
<input type="checkbox"/>	Derating value incorrect or not provided
<input type="checkbox"/>	Derated current carrying capacity of the circuit correct
<input type="checkbox"/>	Derated current carrying capacity of the circuit incorrect or not provided
<input type="checkbox"/>	Part (ii)
<input type="checkbox"/>	Rating value correct
<input type="checkbox"/>	Rating value incorrect or not provided
<input type="checkbox"/>	Re-rated current carrying capacity of the circuit correct
<input type="checkbox"/>	Re-rated current carrying capacity of the circuit incorrect or not provided
<input type="checkbox"/>	Question not attempted
<input type="checkbox"/>	MARKS AWARDED

Q10 DC Circuit (6 marks)

<input type="checkbox"/>	All parts correctly answered
<input type="checkbox"/>	Current value correct
<input type="checkbox"/>	Current value incorrect or not provided
<input type="checkbox"/>	Unit for current is incorrect or not provided
<input type="checkbox"/>	Voltage Drop value correct
<input type="checkbox"/>	Voltage Drop value incorrect or not provided
<input type="checkbox"/>	Unit for voltage is incorrect or not provided
<input type="checkbox"/>	Power value correct
<input type="checkbox"/>	Power value incorrect or not provided
<input type="checkbox"/>	Unit for power is incorrect or not provided
<input type="checkbox"/>	Question not attempted
<input type="checkbox"/>	MARKS AWARDED

Q11 Maximum Demand (8 marks)

<input type="checkbox"/>	All parts correctly answered
<input type="checkbox"/>	10A - Socket Outlets current calculation correct
<input type="checkbox"/>	10A - Socket Outlets current calculation incorrect or not provided
<input type="checkbox"/>	15A - Socket Outlets current calculation correct
<input type="checkbox"/>	15A - Socket Outlets current calculation incorrect or not provided
<input type="checkbox"/>	Lighting current calculation correct.
<input type="checkbox"/>	Lighting current calculation incorrect or not provided
<input type="checkbox"/>	Total Maximum Demand current incorrect
<input type="checkbox"/>	Incorrect Table used for Domestic type installation
<input type="checkbox"/>	Incorrect Table used for Non Domestic type installation
<input type="checkbox"/>	Table number incorrect or not provided
<input type="checkbox"/>	Units incorrect or not provided
<input type="checkbox"/>	Question not attempted
<input type="checkbox"/>	MARKS AWARDED

Q12 Voltage Drop (10 marks)

<input type="checkbox"/>	All parts correctly answered
<input type="checkbox"/>	Consumers Mains voltage drop correct
<input type="checkbox"/>	Consumers Mains voltage drop incorrect or not provided
<input type="checkbox"/>	Consumers Mains used the incorrect cable temperature.
<input type="checkbox"/>	Sub-mains voltage drop correct
<input type="checkbox"/>	Sub-mains voltage drop incorrect or not provided
<input type="checkbox"/>	Sub-mains used the incorrect cable temperature.
<input type="checkbox"/>	Final sub-circuits voltage correct
<input type="checkbox"/>	Final sub-circuits voltage incorrect or not provided
<input type="checkbox"/>	Final sub-circuits used the incorrect cable temperature.
<input type="checkbox"/>	Total voltage drop correct
<input type="checkbox"/>	Total voltage drop incorrect or not provided
<input type="checkbox"/>	Table number incorrect or not provided
<input type="checkbox"/>	Units incorrect or not provided
<input type="checkbox"/>	Question not attempted
<input type="checkbox"/>	MARKS AWARDED

Q13 Reading values off an Overload & Short Circuit Graph (3 marks)

<input type="checkbox"/>	All parts correctly answered
<input type="checkbox"/>	Ratio value correct
<input type="checkbox"/>	Ratio value incorrect or not provided
<input type="checkbox"/>	Ratio value has no unit.
<input type="checkbox"/>	Minimum Time correct
<input type="checkbox"/>	Minimum Time incorrect or not provided
<input type="checkbox"/>	Maximum Time correct
<input type="checkbox"/>	Maximum Time incorrect or not provided
<input type="checkbox"/>	Time units incorrect or not provided
<input type="checkbox"/>	Question not attempted
<input type="checkbox"/>	MARKS AWARDED

Q14 Prospective Fault Current Calculation (9 marks)

<input type="checkbox"/>	All parts correctly answered
<input type="checkbox"/>	Transformer Impedance correct
<input type="checkbox"/>	Transformer Impedance incorrect or not provided
<input type="checkbox"/>	Transformer Impedance answer given to 4 decimal places and not 5 decimal places.
<input type="checkbox"/>	Main Switchboard fault current correct
<input type="checkbox"/>	Main Switchboard fault current incorrect or not provided
<input type="checkbox"/>	Distribution Board fault current correct
<input type="checkbox"/>	Distribution Board fault current incorrect or not provided
<input type="checkbox"/>	Units incorrect or not provided
<input type="checkbox"/>	Question not attempted
<input type="checkbox"/>	MARKS AWARDED

Q15 Residual Current Devices (3 marks)

<input type="checkbox"/>	RCD size correct
<input type="checkbox"/>	RCD size incorrect or not provided
<input type="checkbox"/>	RCD size correct but incorrect units or not provided
<input type="checkbox"/>	Units incorrect or not provided
<input type="checkbox"/>	Your description of how the R.C.D operates is correct.
<input type="checkbox"/>	Description of how the R.C.D operates is incorrect/incomplete
<input type="checkbox"/>	Your answer only partially covers what happens in this circuit.
<input type="checkbox"/>	Question not attempted
<input type="checkbox"/>	MARKS AWARDED

Q16 Motors and Starters (2 marks)

<input type="checkbox"/>	Correct answer
<input type="checkbox"/>	Incorrect answer
<input type="checkbox"/>	Question not attempted
<input type="checkbox"/>	MARKS AWARDED

Q17 Code of Practice for Safe Electrical Work (4 marks)

<input type="checkbox"/>	All parts correctly answered
<input type="checkbox"/>	Correct answer with incorrect or missing Code of Practice Clause Number
<input type="checkbox"/>	Correct answer with incomplete Code of Practice Clause Number
<input type="checkbox"/>	Incorrect answer with correct Code of Practice Clause Number
<input type="checkbox"/>	Incorrect answer with incorrect Code of Practice Clause Number
<input type="checkbox"/>	Question not attempted
<input type="checkbox"/>	MARKS AWARDED

Q18 Visual Defects (5 x 3 marks = 15 marks)

Defect 1 (2 marks for defect and 1 mark for Wiring Rules Clause Number)

<input type="checkbox"/>	Correct defect and Wiring Rules Clause No.
<input type="checkbox"/>	Correct defect with Wiring Rules Clause/Table Number incorrect or not provided
<input type="checkbox"/>	Correct defect with Wiring Rules Clause/Table Number incomplete
<input type="checkbox"/>	Incorrect defect with correct Wiring Rules Clause/Table Number
<input type="checkbox"/>	Incorrect defect with incorrect or missing Wiring Rules Clause/Table Number
<input type="checkbox"/>	Question not attempted
<input type="checkbox"/>	Marks awarded

Defect 2 (2 marks for defect and 1 mark for Wiring Rules Clause Number)

<input type="checkbox"/>	Correct defect and Wiring Rules Clause No.
<input type="checkbox"/>	Correct defect with Wiring Rules Clause/Table Number incorrect or not provided
<input type="checkbox"/>	Correct defect with Wiring Rules Clause/Table Number incomplete
<input type="checkbox"/>	Incorrect defect with correct Wiring Rules Clause/Table Number
<input type="checkbox"/>	Incorrect defect with incorrect or missing Wiring Rules Clause/Table Number
<input type="checkbox"/>	Question not attempted
<input type="checkbox"/>	Marks awarded

Defect 3 (2 marks for defect and 1 mark for Wiring Rules Clause Number)

	Correct defect and Wiring Rules Clause No.
	Correct defect with Wiring Rules Clause/Table Number incorrect or not provided
	Correct defect with Wiring Rules Clause/Table Number incomplete
	Incorrect defect with correct Wiring Rules Clause/Table Number
	Incorrect defect with incorrect or missing Wiring Rules Clause/Table Number
	Question not attempted
	Marks awarded

Defect 4 (2 marks for defect and 1 mark for Wiring Rules Clause Number)

	Correct defect and Wiring Rules Clause No.
	Correct defect with Wiring Rules Clause/Table Number incorrect or not provided
	Correct defect with Wiring Rules Clause/Table Number incomplete
	Incorrect defect with correct Wiring Rules Clause/Table Number
	Incorrect defect with incorrect or missing Wiring Rules Clause/Table Number
	Question not attempted
	Marks awarded

Defect 5 (2 marks for defect and 1 mark for Wiring Rules Clause Number)

	Correct defect and Wiring Rules Clause No.
	Correct defect with Wiring Rules Clause/Table Number incorrect or not provided
	Correct defect with Wiring Rules Clause/Table Number incomplete
	Incorrect defect with correct Wiring Rules Clause/Table Number
	Incorrect defect with incorrect or missing Wiring Rules Clause/Table Number
	Question not attempted
	Marks awarded

**TOTAL MARKS
AWARDED**

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