



G Class Assessment Review

SURNAME: _____

NAME: _____

ASSESSMENT

DATE: _____

Q1 Relates to AS/NZS 3000 Wiring Rule (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 |

Q2 Relates to AS/NZS 3000 Wiring Rule (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 |

Q3 Relates to AS/NZS 3000 Wiring Rule (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 |

Q4 Relates to AS/NZS 3000 Wiring Rule (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 |

Q5 Relates to AS/NZS 3000 Wiring Rule (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 3000 Wiring Rule (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 |

Q7 Relates to Electricity Safety Regulations 2009 and Amendments (6 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 Relates to Electricity Safety Regulations 2009 and Amendments (6 marks)

- | | |
|--------------------------|--|
| <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 |

Q9 Relates to Electricity Safety Regulations 2009 and Amendments (6 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 |

Q10 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 |

Q11 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 |

Q12 Visual Defects (5 x 3 marks = 15 marks)

Defect 1

- 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 Wiring Rules Clause/Table Number
- Question not attempted
- Marks awarded**

Defect 2

- 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 Wiring Rules Clause/Table Number
- Question not attempted
- Marks awarded**

Defect 3

- 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 Wiring Rules Clause/Table Number
- Question not attempted
- Marks awarded**

Defect 4

- 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 Wiring Rules Clause/Table Number
- Question not attempted
- Marks awarded**

Defect 5

- 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 Wiring Rules Clause/Table Number
- Question not attempted
- Marks awarded**

Q13 Cable Selection (8 marks)

- All parts correctly answered
- Table numbers and/or calculations and/or units incorrect or not provided

Part (i)

- Current carrying capacity for each cable correct
- Current carrying capacity for each cable incorrect or not provided
- Current carrying capacity for the number of conductors connected in parallel correct
- Current carrying capacity for the number of conductors connected in parallel incorrect or not provided
- Derating value correct
- Derating value incorrect or not provided
- Derated current carrying capacity of the circuit correct
- Derated current carrying capacity of the circuit incorrect or not provided

Part (ii)

- Rating value correct
- Rating value incorrect or not provided
- Re-rated current carrying capacity of the circuit correct
- Re-rated current carrying capacity of the circuit incorrect or not provided
- Questions not attempted
- Marks awarded**

Q14 Voltage Drop (10 marks)

- All parts correctly answered
- Consumers Mains voltage drop correct
- Consumers Mains voltage drop incorrect or not provided
- Sub-mains voltage drop correct
- Sub-mains voltage drop incorrect or not provided
- Final sub-circuits voltage correct
- Final sub-circuits voltage incorrect or not provided
- Total voltage drop correct
- Total voltage drop incorrect or not provided
- Table numbers and/or calculations and/or units incorrect or not provided
- Question not attempted
- Marks awarded**

Q15 Prospective Fault Current Calculation (9 marks)

- All parts correctly answered
- Transformer Impedance correct
- Transformer Impedance incorrect or not provided
- Transformer Impedance answer not given to 5 decimal places
- Main switchboard fault current correct
- Main switchboard fault current incorrect or not provided
- Distribution Board fault current correct
- Distribution Board fault current incorrect or not provided
- Units incorrect or not provided
- Question not attempted
- Marks awarded**

Q16 Safe working on or near low-voltage electrical installations and equipment (4 marks)

<input type="checkbox"/>	All parts correctly answered
<input type="checkbox"/>	Correct answer with incorrect or missing Safe Working Clause Number
<input type="checkbox"/>	Correct answer with incomplete Safe Working Clause Number
<input type="checkbox"/>	Incorrect answer with correct Safe Working Clause Number
<input type="checkbox"/>	Incorrect answer with incorrect Safe Working Clause Number
<input type="checkbox"/>	Question not attempted
<input type="checkbox"/>	Marks awarded

Q17 Safe working on or near low-voltage electrical installations and equipment (4 marks)

<input type="checkbox"/>	All parts correctly answered
<input type="checkbox"/>	Correct answer with incorrect or missing Safe Working Clause Number
<input type="checkbox"/>	Correct answer with incomplete Safe Working Clause Number
<input type="checkbox"/>	Incorrect answer with correct Safe Working Clause Number
<input type="checkbox"/>	Incorrect answer with incorrect Safe Working Clause Number
<input type="checkbox"/>	Question not attempted
<input type="checkbox"/>	Marks awarded

TOTAL MARKS