



LET ASSESSMENT REVIEW

SURNAME:

NAME:

ASSESSMENT DATE:

Q:1 Installation Faults - Non Domestic (15 marks)

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

- 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

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

- 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

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

- 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

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

- 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

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

- 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

 Total Marks Deducted

Comments:

Q:2 DC Circuits (6 marks)

- Current value incorrect or not provided
- Unit for current is incorrect or not provided
- Voltage Drop value incorrect or not provided
- Unit for voltage is incorrect or not provided
- Power value incorrect or not provided
- Unit for power is incorrect or not provided
- Resistance value incorrect or not provided
- Question not attempted
- Total Marks Deducted**

Comments:

Q:3 Residual Current Devices (3 marks)

- RCD size incorrect or not provided
- RCD size correct but incorrect units or not provided
- Units incorrect or not provided
- Your description of how the R.C.D operates is incorrect/incomplete
- The method of determining the current rating of RCD is incorrect
- Your answer only partially covers what happens in this circuit.
- Question not attempted
- Total Marks Deducted**

Comments:

Q:4 Construction And Demolition Sites (4 marks)

- Correct answer with Construction & Demolition Sites Clause Number incorrect/not provided
- Correct answer with Construction & Demolition Sites Clause Number incomplete
- Incorrect answer with correct Construction & Demolition Sites Clause Number
- Incorrect answer with incorrect Construction & Demolition Sites Clause Number
- Question not attempted
- Total Marks Deducted**

Comments:

Q:5 Construction And Demolition Sites (4 marks)

- Correct answer with Construction & Demolition Sites Clause Number incorrect/not provided
- Correct answer with Construction & Demolition Sites Clause Number incomplete
- Incorrect answer with correct Construction & Demolition Sites Clause Number
- Incorrect answer with incorrect Construction & Demolition Sites Clause Number
- Question not attempted
- Total Marks Deducted**

Comments:

Q:6 Motors and Starters (2 marks)

- Incorrect answer
- Question not attempted
- Total Marks Deducted**

Comments:

Q:7 Cable Selection (8 marks)

Calculations incorrect or not provided

Units incorrect or not provided

Part (i)

Current carrying capacity for each cable incorrect or not provided

Current carrying capacity for the num. of conductors connected in parallel incorrect/not provided

Derating value incorrect or not provided

Derated current carrying capacity of the circuit incorrect or not provided

Part (ii)

Rating value incorrect or not provided

Re-rated current carrying capacity of the circuit incorrect or not provided

Cable size incorrect or not provided

Question not attempted

Total Marks Deducted

Comments:

Q:8 Electric Shock Survival (4 marks)

Incorrect answer

Part of the answer is correct

Question not attempted

Total Marks Deducted

Comments:

Q:9 Electricity Safety (Installations) Regulations 2009 (4 marks)

- Correct answer with Electricity Safety Regulation Number incorrect or not provided
- Correct answer with part of Electricity Safety Regulation Number incorrect or not provided
- Incorrect answer with correct Electricity Safety Regulation Number
- Incorrect answer with incorrect Electricity Safety Regulation Number
- Question not attempted
- Total Marks Deducted**

Comments:

Q:10 Wiring Rules (4 marks)

- 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
- Total Marks Deducted**

Comments:

Q:11 Wiring Rules (4 marks)

- 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
- Total Marks Deducted**

Comments:

Q:12 Wiring Rules (4 marks)

- 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
- Total Marks Deducted**

Comments:

Q:13 Wiring Rules (4 marks)

- 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
- Total Marks Deducted**

Comments:

Q:14 Maximum Demand (8 marks)

Load Group:

Ai

Aii

Bi

Bii

Biii

C

D

E

F

G

H

I

J

Ji

Jii

K

L

M

Total Maximum Demand incorrect or not provided

Table number and/or units incorrect or not provided

Question not attempted

Total Marks Deducted

Comments:

Q:15 Voltage Drop (10 marks)

- Consumers Mains voltage drop incorrect or not provided
- Consumers Mains used the incorrect cable temperature
- Sub-mains voltage drop incorrect or not provided
- Sub-mains used the incorrect cable temperature
- Final sub-circuits voltage incorrect or not provided
- Final sub-circuits used the incorrect cable temperature
- Total voltage drop incorrect or not provided
- Table number incorrect or not provided
- Units incorrect or not provided
- Question not attempted
- Total Marks Deducted**

Comments:

Q:16 Safe Working On or Near Low Voltage Electrical Installations and Equipment (4 marks)

- Correct answer with incorrect or missing Safe Working Clause Number
- Correct answer with incomplete Safe Working Clause Number
- Incorrect answer with correct Safe Working Clause Number
- Incorrect answer with incorrect Safe Working Clause Number
- Question not attempted
- Total Marks Deducted**

Comments:

Q:17 Overload and Short Circuit Calculations (9 marks)

- Transformer Impedance incorrect or not provided
- Transformer Impedance answer not given to 5 decimal places
- Main switchboard fault current incorrect or not provided
- Distribution board fault current incorrect or not provided
- Units Incorrect or not provided
- Question not attempted
- Total Marks Deducted**

Comments:

Q:18 Overload and Short Circuit Calculations (3 marks)

- Ratio value incorrect or not provided
- Ratio value has no unit
- Minimum Time incorrect or not provided
- Maximum Time incorrect or not provided
- Time units incorrect or not provided
- Question not attempted
- Total Marks Deducted**

Comments:

Total Marks Awarded