WHERE THE ANSWERS LIVE

FOUR HABITS THAT WIN MARKS IN AN OPEN-BOOK EXAM.

The kinds of question the exam asks, and where each answer lives. The value isn't the answers. It's seeing where each answer lives, and how long it takes to get there.

WHERE THE ANSWER LIVES	ANSWER
542.1.2 · supply arrangements	TN-S
544.1.1 · main protective bonding	Maximum **25 mm²** copper
Chapter 55 · 552 · rotating machines	Motors **over 0.37 kW** (370 W) need overload protection in their control equipment — 552.1.2
Part 5	An arrangement with separate switches for each supply
560.4.1 · safety services	The changeover-time classes: no-break, very short break (≤ 0.15 s), short break (≤ 0.5 s), medium break (≤ 15 s), long break (> 15 s)
Part 6 / prior knowledge	**MEIWC** — Minor Electrical Installation Works Certificate
Part 6	Should be corrected before certifying
651	To determine if it is in a satisfactory condition for continued service
Chapter 65	Condition of appliances (the one that is **not** a consideration)
701 · bath/shower	Circuits serving the location **and/or** passing through zones 1 and 2
702 · pools and fountains · SELV · 702.410.3.4.1, p.263	**12 V** AC in zone 0 · **25 V** AC in zone 1 of fountains
714 · outdoor lighting	Telephone kiosk — the one accessible to the public
Part 7 · EV charging	**IP44** — both digits, not IP4X or IPX4
703 · saunas	Cables shall withstand a minimum of **170 °C**
704 + its scope · construction sites	Canteen — needed two separate places in the book
705 · agricultural · conduit impact	**5 J** where vehicles and machines could strike the wiring (AG3), conduits to BS EN 61386-21 · Reg 705.522.16
823 · PEI concepts	Special locations (the odd one out)
824 · operating modes	Upstream mode (not a mode)
826	Able to be operated in any intended operating mode
Appendix 2 · p.436	**+10 % / −6 %**
Appendix 3 · BS 88-2, 80 A, 0.4 s	**750 A**
Appendix 4 · Table 4B1 · 70 °C cable, 40 °C ambient	C_A = **0.87**
Appendix 5 · impact, low severity	**AG1**
Appendix 17 — **deleted** from the current book	Not in the current book — Chapter 81 covers energy efficiency without that value

FOUR HABITS WORTH TAKING FROM IT

1. **Budget time across the paper, not per question.** Some answers you'll know on sight — 25 mm² tails need a 16 mm² earthing conductor, and you don't open the book. Every question answered in 20 seconds buys you time for one that needs **two different places in the book** and could genuinely take four or five minutes.
2. **Read the whole question.** A classic catch: you see "impact", go to external influences, and miss that the question said **conduit** — which puts the answer

somewhere else entirely. And read the flipping question.

3. **Check the units.** A question can give the options in **watts** where the book prints **kilowatts**. The answer is right there; you just have to convert it.
4. **Narrow before you search.** On the +10 % / −6 % question, most people know it is plus-and-minus but not which way round — that's four options down to two before you've opened anything, then a ten-second lookup to confirm. A 30–60 second question.

> ✋ **Don't memorise answer letters.** On the practice papers here, the questions and the answer positions are **shuffled** every time. There is no point remembering "that one was C" — remember **what** the answer was and **where you found it**.

> **On the wording.**
> The regulations aren't written to be easy to read, and the exam questions aren't either. Here's a fair example: one regulation says a PME facility **shall not** be used as the means of earthing for anything within the scope of 704, and then the scope itself says the section **does not apply** to administrative locations such as offices and canteens. So a canteen *can* be on PME — but only by reading two places and putting them together. That's the skill, and it comes from repetition.

60 questions · 2 hours · open book, not in book order

704 · scope · PME and administrative locations

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