Solutions

Marking: **M1** a correct method, **A1** the correct answer, **B1** an independent mark.

Each answer shows the steps, then the **result**.

2.1

A: $1 \times 15 =$ **15**

B: $0.5 \times 40 =$ **20**

C: $2 \times 10 =$ **20**

2.2

one can $= 500 \times 5/1000 = 2.5$ units; a day $= 10$ units

a week = **70 units** (5 times the limit)

2.3

A: **open**

B: **closed**

C: **leading**

2.4

any two letters with a matching question, e.g. Site: "Where is the pain?"; Radiation: "Does it go anywhere else?"; Onset: "When did it start, and was it sudden?"; Severity: "How bad, from 0 to 10?"

3.1

(a) history of PC: central pressing pain at rest, to the left arm, 2 hours; past history and drugs: ramipril; allergy: penicillin, rash; family history: father MI at 50; social: smoker

(b) $0.75 \times 30 =$ **22.5 pack-years**

(c) any two of: associated symptoms, e.g. sweating or breathlessness; severity 0–10; what makes it better or worse; time course

(d) to tell a true allergy (rash, anaphylaxis) from a side effect (e.g. nausea)

3.2

(a) idea: a brain tumour; concern: dying like his friend; expectation: a scan

(b) if his fear is not addressed he may not be reassured, and he may not follow the plan or may come back; you can explain why a scan is or is not needed

3.3

(a) she may not speak about sex, drugs or abuse in front of her mother; she has a right to confidentiality

(b) the date of her last period: pregnancy, including ectopic pregnancy, must be ruled out

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(c) short questions about each body system to find symptoms not yet mentioned

(d) to check you understood correctly and to let her add or correct anything

(e) any one of: fainting, a rigid abdomen, vomiting blood, blood in the stool, fever with low BP, weight loss