

Drug Calculation Exam Practice (Child) – Answers for Set A – Set E

Only the final answers are provided for these practice papers as students are expected to attempt the detailed calculations themselves. Please attend a tutorial or workshop session to seek further assistance if required. Also, please note that some specific instructions will be given during the final exam on how to treat decimal places. These instructions may be different to the ones in the practice exam papers.

Here is a recently sent set of instructions on how decimal places will be treated during the May 8th exam for the Child branch:

“Where it is applicable you are required to give the answer to 2 decimal places. You do not round up or down. For example, if the answer comes out at 2.159mg, the answer for the exam would be 2.15mg.

It is not necessary to add a 0 to answers that are complete at 1 decimal point. For example, if the answer was 1.8mg, this is what you would enter, not 1.80mg”

Set A

1. 15 mg
2. 400 mg
3. 2.4 ml
4. 0.13 ml
5. 117.6 mg
6. 525 mg
7. 3.25 mL
8. 13.77 Kg (question should have stated to two decimal places)
9. 1.92 mL
10. 1.58 mL

Set B

1. 21000 mcg
2. 12.9 millilitres
3. 9.33 mL
4. 12 ml
5. 104 mg
6. 144 mg
7. 0.21 ml
8. 500 mg
9. 2.6 mL
10. 3.36 mL

Set C

1. 3450 grams
2. 0.31 litres
3. 2.6 ml
4. 0.62 mL (question should have stated to two decimal places)
5. 216 mg
6. 200 mg
7. 22.5 mg
8. 5 Kg
9. 10.56 mL
10. 2.24 mL

Set D

1. 0.04 grams
2. 780 grams
3. 43.75 mL
4. 6.5 mL
5. 168 mg
6. 6.25 mL
7. 350 mg
8. 6.75 mL
9. 22.68 mL
10. 5.21 mL

Set E

1. 15000 mcg
2. 2 milligrams
3. 4.22 mL
4. 6.50 mL (this type of question would not ask for two decimal places in your exam and in this case the answer would be given as 6.5 mL as stated in the instructions above)
5. 255 mL
6. 462 mg
7. 4.24 mL
8. 7 mL
9. 13.52 mL
10. 8.10 mL (this type of question would not ask for two decimal places in your exam and in this case the answer would be given as 8.1 mL as stated in the instructions above)