



Non-Medical Prescribing Practice Drug Calculations

15 practice drug calculation questions, aimed for healthcare professionals wanting to apply for a non-medical prescribing course.

Questions		Answer
1	Convert the following: a) 0.07g to mg b) 0.055Litre to ml c) 2500micrograms to mg d) 800mg to grams	
2	A patient is prescribed 30mg of prednisolone every morning for 5 days. (stock = 5mg prednisolone tablets) a) How many tablets should you give the patient every morning? b) What is the total number of 5mg tablets needed to complete the course?	
3	A patient is prescribed 200mg three times a day for 7 days, then 100mg twice a day for 3 days and then 100mg once a day for remaining course. 14 day course in total. (stock = 100mg tablets) How many tablets are needed to be supplied for the full course?	
4	375mg of the drug Co-amoxiclav is prescribed three times a day. What is the total amount of Co-amoxiclav in grams to be given in a day?	
5	Patient X is prescribed Flucloxacillin 500mg four times a day, stock strength available is 250mg capsules. What is the total number of capsules patient X will be required to take in 24hours?	
6	Patient Y weighs 65kg and requires a dose of 150mg/kg/day of drug A. What is the total amount of drug A that Patient Y will receive in a day. Please give your answer in grams.	
7	A patient weighs 40kg and the dose of co-amoxiclav suspension is: 0.25ml/kg three times a day If course length is for 5 days how many mls of co-amoxiclav suspension is needed to be prescribed?	

Disclaimer: We have built these questions in a similar style to that presented within the Sn@P practice/trial assessment. There can be no guarantee of the extent to which these questions will reflect the actual assessment questions trainees will sit.

These questions are provided for educational purposes only and should **not** be used to act as a predictor of your performance on the actual assessment, and you should not interpret your results as a predictor of your performance on the actual assessment.

These questions may assist you in identifying possible strengths or weaknesses and identifying areas where additional training may be required.



8	<p>A child is prescribed 0.72g of drug Y.</p> <p>Drug Y is dispensed as 1800mg in 30mL. How many ml would you give?</p>	
9	<p>A child is prescribed drug C. The recommended dose is 32 mg/kg/day, in four divided doses.</p> <p>Calculate the size of a single dose (mg) if the child's weight is 13 kg.</p>	
10	<p>A baby requires drug D. The dosage is 50mg/kg, the baby weighs 3.8kg.</p> <p>What is the correct dosage in mg?</p>	
11	<p>You have stock of drug E – 75mg in 3ml vial.</p> <p>You need to draw up a dose of 50mg for a patient.</p> <p>How many mls should you draw up to give the dose?</p>	
12	<p>A patient weighs 75kg and is prescribed drug F at a dose of 40micrograms/kg/day.</p> <p>What is the total daily dose of drug F in mg this patient will receive?</p>	
13	<p>A patient is prescribed 200mg three times a day for 7 days, then 100mg twice a day for 7 days and then 100mg once a day for remaining course. 28 day course in total. (stock = 100mg tablets)</p> <p>How many tablets are needed to be supplied for the full course?</p>	
14	<p>Patient A weighs 24kg and is prescribed drug B at 14mg/kg/day to be given in equally divided 12 hourly doses.</p> <p>How many mg would you give in each dose?</p>	
15	<p>A patient is prescribed 200mg three times a day for 5 days, then 200mg twice a day for 5 days and then 100mg once a day for remaining course. 28 day course in total. (stock = 100mg tablets)</p> <p>How many tablets are needed to be supplied for the full course?</p>	

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