

## Drug Calculation Exam Practice (Child) – Set A

- 1) Convert 15000 mcg to mg?
- 2) Convert 0.4 grams to mg
- 3) Betty has a chest infection. The doctor prescribes 120mg of amoxicillin. Amoxicillin is dispensed as 200mg in 4mL. How many ml do you give?
- 4) Sean has congenital adrenal hyperplasia and is prescribed 6500mcg of hydrocortisone. Hydrocortisone is dispensed as 200mg in 4mls. How many ml would you give?
- 5) Chow is pyrexial and needs anti-pyrexial drug. Paracetamol is prescribed at 12mg/kg. David weighs 9.8 kg. What is the dose required in mg?
- 6) Evon weighs 42 kg. She is prescribed cephalon 50mg/kg/day in four divided doses to control her epilepsy. What is the single dose in mg?
- 7) Ina is prescribed oral chloral hydrate 130 mg to sedate him following surgery. The drug is available as an elixir containing 160 mg in 4 mL. How many ml do you give? Give your answer to 2 decimal places.
- 8) Sam has a middle ear infection. The dose for prescribing co-amoxiclav is 35mg /kg/ dose. The doctor has prescribed 482mg of co-amoxiclav. What is Sam's weight in kg?
- 9) You are checking a prescription with your mentor for Tammy who weighs 12kg. She is prescribed 20mg/kg/dose of benzympenicillin intravenously 3 times a day. Each 500mg vial is reconstituted to 4mL. How many ml should be drawn up for each dose?
- 10) Peach has been bitten by a squirrel and has developed cellulitis. He is prescribed cephalixin. Cephalixin 1.2 gram is reconstituted with 4mL of water for injection to yield 0.6g/3.4mL. How many ml of the reconstituted mixture would need to be drawn up to give 280mg? Give your answer to 2 decimal places.