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| --- | --- | --- |
|  | **Please use this column to show working out** | **ANSWER** |
| **Question 1**Convert 9 micrograms to milligrams |  | **0.009 mg** |
| **Question 2**Convert 0.38 grams to milligrams |  | **380 mg** |
| **Question 3**Convert 215 mL to Litres |  | **0.215 L** |
| **Question 4**Convert 64 nanograms to micrograms |  | **0.064 mcg** |
| **Question 5**Convert 0.07 kg to grams |  | **70 g** |
| **Question 6**Convert 3 miligrams to grams |  | **0.003 g** |
| **Question 7**A suspension contains Carbamazepine 100mg/5ml. How many milligrams would be in a 25ml bottle? |  | **500 mg** |
| **Question 8**John’s Fluid Balance Chart for 24 hours shows:Intake: Output:IV Fluid 1380ml Urine 1045mlOral Fluids 275ml Vomit 10ml Wound Drainage 15mlCalculate the total**(A) Input** **(B) Output** |  | 1. **1655**
2. **1070**
 |
| **Question 9**Choose the best combination of tablets for each of the following prescriptions.Prescribed: Warfarin tablets. Strength available: 1mg, 2mg, 5mg, 10mg.Doses required:**(A) 19mg****(B) 3mg** |  | 1. **10, 5, 2, 2**
2. **2, 1**
 |
| **Question 10**A patient requires Risperidone 80 milligramsThe stock dose is 40mg / 10mL. What volume is required? |  | **20 mL** |
| **Question 11**A patient has been prescribed 70 mg Ketamine The stock available is 80mg / 5mL. What volume of Ketamine is required?   |  | **4.375 mL** |
| **Question 12**Heparin is available as 3000 units/5mL.What volume is needed to give 12000 units? |  | **20 mL** |
| **Question 13**A patient has been prescribed Prednisolone 40 mgThe stock available is 8 mgHow many tablets will you administer? |  | **5 tablets** |
| **Question 14**Digoxin 14 mg is prescribedThe stock available is 3.5 mgHow many tablets will you administer? |  | **4 tablets** |
| **Question 15**A patient is prescribed Budesonide 2000 micrograms by nebulizer.The medication is available as 300 micrograms / 3mLWhat volume is required? |  | **20 mL** |
| **Question 16**A patient is prescribed 150 mg of PethidineThe stock dose is 60mg / 2mL ampoule. What volume will you require?  |  | **5 mL** |
| **Question 17**A patient is prescribed 70 mg of Tramadol Hydrochloride injectionThe stock dose is 20mg / 3 mL What volume will you require? |  | **10.5 mL** |
| **Question 18**A patient is prescribed 800ml over 8 hours.What percentage would be administered after 2 hours? |  | **25%** |
| **Question 19**A patient has a daily fluid allowance of 1500mL.The patient has taken 20%. How many mL is this? |  | **300mL** |
| **Question 20**A patient has a daily fluid allowance of 2000mL.The patient has taken 400mL. What percentage is this? |  | **20%** |