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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 1045ml  Oral Fluids 275ml Vomit 10ml  Wound Drainage 15ml  Calculate 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 milligrams  The 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 mg  The stock available is 8 mg  How many tablets will you administer? |  | **5 tablets** |
| **Question 14**  Digoxin 14 mg is prescribed  The stock available is 3.5 mg  How 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 / 3mL  What volume is required? |  | **20 mL** |
| **Question 16**  A patient is prescribed 150 mg of Pethidine  The stock dose is 60mg / 2mL ampoule.  What volume will you require? |  | **5 mL** |
| **Question 17**  A patient is prescribed 70 mg of Tramadol Hydrochloride injection  The 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%** |