

**FOR ASSESSMENT: 3U Full Nomenclature quiz**

You will have only ONE attempt and and 18 minute time limit to complete the 10 multiple choice questions. They are chosen at random from a test bank.

1. What is the formula for the following compound? Nitrogen Trioxide **(1 point)**

- ☐  $NTO$   
☐  $N_3O$   
☐  $NO_3$   
☐  $NO$

2. What is the formula for the following covalent compound, diiodine pentoxide **(1 point)**

- ☐  $I_2O_5$   
☐  $I_5O_2$   
☐  $I_3O_2$   
☐  $D_2P_5$

3. What is the correct formula for Molybdenum (IV) Oxide? **(1 point)**

- ☐  $Mo_3O_2$   
☐  $Mo_2O_4$   
☐  $MoO_2$   
☐  $Mo_4O_4$

4. Select the formula for the following base: sodium hydroxide **(1 point)**

- ☐  $NaOH$   
☐  $Na(OH)_2$   
☐  $NaH$

5. What is the correct name for the formula  $P_2O_5$  **(1 point)**

- ☐ diphosphorous pentoxygen  
☐ phosphorous ( IV) oxide  
☐ diphosphorous pentoxide  
☐ diphosphide pentaoxide

6. What is the correct name for the compound with the formula  $(NH_4)_3PO_4$ ? **(1 point)**

- ☐ Ammonium Phosphate  
☐ Ammonia Phophorylate  
☐ Ammonia Phosphide  
☐ Ammonia Phosphite  
☐ Ammonia Pyrophosphite

7. The following covalent compound dichlorine heptoxide has the formula **(1 point)**

- ☐  $O_2Cl_7$   
☐  $Cl_7O_2$   
☐  $Cl_2O_7$   
☐  $Cl_2O$

8. Name the acid:  $H_3PO_3$  **(1 point)**

- ☐ hydrophosphoric acid  
☐ phosphoric acid  
☐ phosphoric hydroxide  
☐ phosphorous acid

9. The correct name for the compound with the formula  $PbSO_3$  is: **(1 point)**

- ☐ Lead Sulfite  
☐ Lead Sulfide  
☐ Lead Sulfate  
☐ Lead (II) Sulfite  
☐ Lead (II) Sulfate

10. Which of the following is not a polyatomic ion ?  $NH_4(1+)$ ,  $CO_3(2-)$ ,  $SO_4(2-)$ ,  $O_2$ . **(1 point)**

- ☐  $O_2$   
☐  $CO_3(2-)$   
☐  $NH_4(1+)$

Try to choose at least one of the following Active Recall options. There will be three randomly chosen so you can also refresh the quiz for more ideas if you get three you aren't feeling!

11. Create a "cheat sheet" or one-page summary of a recent topic. **(1 point)**

12. Create a "what if" scenario that explores how a recent concept might change under different conditions. **(1 point)**

13. Explain how a recent topic connects to something you've learned in the past. **(1 point)**

Submit answers