1. NaBrO₃ is the correct formula of (A) sodium bromate. (B) sodium bromite. (C) sodium bromide. (D) sodium hypobromite.

2. Which name is most consistent with systematic (IUPAC) nomenclature for the compound, N₂O₃? (A) nickel oxide(III) (B) nickel(I) oxide (C) nickel(III) oxide (D) nickel oxide(II)

3. A compound with the formula CaH₂ is called (A) cadmium hydride. (B) calcium hydride. (C) hydrogen carbide. (D) calcium hydrate.

4. The correct IUPAC name of N₂O₃ is (A) nitrogen oxide. (B) nitrogen(II) oxide. (C) nitrous oxide. (D) dinitrogen trioxide.

5. The formula of calcium nitrite is (A) Ca₃N₂ (B) Ca(NO)₂ (C) Ca(NO₂)₂ (D) Ca(NO₃)₂

6. The formula of sodium vanadate is Na₃VO₄ and that of calcium chloride is CaCl₂. What is the formula of calcium vanadate? (A) CaVO₄ (B) Ca₃VO₄ (C) Ca₃VO₄ (D) Ca₃VO₄ (E) Ca₃VO₄

7. Which is the correct formula/name combination? (A) Al₂(SO₄)₃ / aluminum sulfate (B) Ca₃H₂O₈ / acetate (C) K₂PO₃ / potassium phosphate (D) PCl₃ / phosphorus chloride

8. In which case is the substance with the given formula followed by its correct name? (A) KNO₂ – potassium nitrite (B) FeS – iron(II) sulfide (C) HClO – hydrochloric oxide (D) FeCl₃ – iron(III) chloride (E) Mg₂N₂ – magnesium nitride

9. If aluminum tungstate is Al₂(WO₄)₃, then (A) calcium tungstate is CaWO₄ (B) cesium tungstate is CsWO₄ (C) tungstic acid is H₃WO₄ (D) the oxidation number of W in this compound is +7 (E) tungsten hydride would be WH₇

10. The correct formula for iron(III) sulfate is (A) FeSO₄ (B) Fe₂(SO₄)₃ (C) Fe₃(SO₄)₂ (D) Fe₃(SO₄)₂ (E) Fe₂SO₄

11. What is the formula for aluminum sulfate? (A) Al₂SO₄ (B) Al₂SO₄ (C) Al₂SO₄ (D) Al₃(SO₄)₂ (E) Al₃(SO₄)₃
12. What is the formula for chromium(III) oxide?
   (A) CrO  (B) Cr₂O  (C) Cr₂O₃  (D) Cr₂O₃

13. What is the formula for strontium sulfide?
   (A) SrS  (B) Sr₂S  (C) Sr₂S₂  (D) Sr₃S

14. What is the formula for copper(II) hydroxide?
   (A) CuOH  (B) Cu(OH)₂  (C) Cu₂OH  (D) CuOH₂

15. Which is the formula for ammonium nitrate?
   (A) NH₃N  (B) NH₄N  (C) NH₄NO₂  (D) NH₄NO₃

16. What is the formula for sodium carbonate?
   (A) NaHCO₃  (B) Na₂CO₃  (C) Na₂CO₃  (D) Na₂CO₃

17. What is the formula for chromium(II) sulfate?
   (A) Cr₂(SO₄)₃  (B) Cr₂(SO₄)₂  (C) Cr₃(SO₄)₂  (D) Cr₃SO₄

18. What is the name of the compound Fe₃(SO₄)₂?
   (A) iron(II) sulfate  (B) iron(II) tri sulfate  (C) iron(III) sulfate  (D) iron(II) sulfate(III)

19. What is the correct name for Fe(NO₃)₂?
   (A) iron(II) nitrate  (B) iron(III) nitrate  (C) iron(I) nitrite  (D) iron(III) nitrite

20. What is the correct name for HBrO₃(aq)?
   (A) hydrogen bromite  (B) hydrobromic acid  (C) bromic acid  (D) bromous acid

21. The formula for hypochlorous acid is?
   (A) HCl(aq)  (B) HClO(aq)  (C) HClO₃(aq)  (D) HClO₄(aq)

22. What is the correct name for HNO₃(aq)?
   (A) hydrochloric acid  (B) hyponitrous acid  (C) nitric acid  (D) nitrous acid  (E) none of these

23. The formula for oxalic acid is?
   (A) H₂C₂O₄(aq)  (B) H₂C₂O₃(aq)  (C) H₂CO₃(aq)  (D) HCH₂CO₂(aq)

24. The formula for carbonic acid is?
   (A) HCO₃(aq)  (B) H₂CO₃(aq)  (C) H₂CO₃(aq)  (D) H₂C₂O₄(aq)

25. The formula for hydrofluoric acid is?
   (A) HF(aq)  (B) H₂F(aq)  (C) H₂F(aq)  (D) HF₂(aq)