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 Ni₂O₃?
   (A) nickel(II) oxide  (B) nickel(III) oxide  (C) nickel(II) oxide  (D) nickel(II) oxide

3. A compound with the formula CaH₂ is called
   (A) calcium hydride.  (B) calcium hydrate.  (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) Ca₂N₂  (B) Ca(NO₂)₂  (C) Ca(NO₃)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) Ca₃(VO₄)₂  (C) Ca(VO₄)₂  (D) Ca₂VO₄  (E) Ca(VO₄)₃

7. Which is the correct formula-name combination?
   (A) Al₂(SO₄)₃ / aluminum sulfate.  (B) C₂H₅O⁻ / acetate.  (C) K₂PO₄ / potassium phosphate.
   (D) PO₄³⁻ / phosphorous hydride.  (E) Mg₃N₂ / magnesium nitride.

8. In which case is the substance with the given formula followed by its correct name?
   (A) KN₂O – potassium nitrate  (B) FeCl₃ – iron(III) chloride
   (C) FeS – iron(II) sulfide  (D) Mg₃N₂ – magnesium nitride
   (E) HClO – hydrochloric oxide

9. If aluminium tungstate is Al₂(WO₄)₃, then
   (A) calcium tungstate is CaWO₄.  (B) cesium tungstate is Cs₂WO₄.
   (C) tungsten trioxide is W₃O₆.  (D) tungstic acid is H₃W₆O₁₇.
   (E) the oxidation number of W in this compound is +7.

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

11. What is the formula for aluminum sulfate?
    (A) Al₂SO₄  (B) Al₂SO₄  (C) Al₂SO₄  (D) Al₂(SO₄)₃  (E) Al₂(SO₄)₃
12. What is the formula for chromium(II) oxide?
   (A) CrO   (B) Cr₂O   (C) Cr₃O   (D) Cr₂O₃

13. What is the formula for strontium sulfide?
   (A) SrS   (B) Sr₂S   (C) SrS₂   (D) SrS₃

14. What is the formula for copper(II) hydroxide?
   (A) CuOH   (B) Cu(OH)₂   (C) Cu₂OH₂   (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) Na₄CO₃

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

18. What is the name of the compound Fe₂(SO₄)₃?
   (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(OH)₃?
   (A) iron(II) nitrate   (B) iron(III) nitrate   (C) iron(II) nitrate   (D) iron(III) nitrate

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

21. The formula for hypobromous acid is?
   (A) HBr(aq)   (B) HBrO₂(aq)   (C) HBrO₃(aq)   (D) HBrO₂(aq)

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

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

24. The formula for carbonic acid is?
   (A) HCO₃(aq)   (B) HCH₂CO₂(aq)   (C) H₃CO₃(aq)   (D) H₃CO₃(aq)

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