A) a solution of N_2O_3 in H_2SO_3;
C) a mixture of NO and N_2O_3;
C) a solution of NO_2 in H_2SO_3;
D) a solution of N_2O_3 in H_2SO_4;
E) a mixture of N_2O_3 and NO_2.

53. Sulfuric acid (100% H_2SO_4), which is a compound of one molecule of sulfuric anhydride with one molecule of water, is called:
A) crystalline hydrate;
B) hemihydrate;
C) monohydrate;
D) an aqueous solution;
E) fuming acid.

54. Sulfuric acid containing a mixture of 1 mole of SO_3 and more than 1 mole of water is called:
A) fuming acid;
B) monohydrate;
C) hemihydrate;
D) crystalline hydrate;
E) an aqueous solution.

55. Sulfuric acid containing a mixture of 1 mole of water and more than 1 mole of SO_3 is called:
A) oleum;
B) monohydrate;
C) phospholeum;
D) hemihydrate;
E) crystalline hydrate.

56. Fuming sulfuric acid is called:
A) crystalline hydrate;
B) monohydrate;
C) phospholeum;
D) hemihydrate;
E) oleum.

57. In the monohydrate absorber in the production of sulfuric acid by contact method is obtained:
A) oleum;
B) monohydrate;
C) phospholeum;
D) semihydrate;
E) crystallohydrate.

58. In the production of sulfuric acid by contact method, a monohydrate absorber is irrigated with acid with a concentration of:
A) 96.5%;
B) 99.9%;
C) 100.0%;
D) 98.3%;
E) 40.0%.