

Date Planned : __ / __ / __	Daily Tutorial Sheet-4	Expected Duration : 90 Min
Actual Date of Attempt : __ / __ / __	Level-1	Exact Duration : _____

46. Which of the following is correct ?
(A) Duralumin : $\text{Al} + \text{Cu} + \text{Mg} + \text{Ag}$ **(B)** German silver : $\text{Cu} + \text{Zn} + \text{C}$
(C) Gun metal : $\text{Cu} + \text{Zn} + \text{Sn}$ **(D)** Solder : $\text{Pb} + \text{Al}$
47. Stainless steel has iron and :
(A) Cr **(B)** Cu **(C)** Co **(D)** Zn
48. Thermite process is used in reduction of :
(A) Cr_2O_3 **(B)** Al_2O_3 **(C)** PbO_2 **(D)** CuO
49. Which of the following is not a member of 3d-transition series ?
(A) Fe **(B)** Co **(C)** Au **(D)** Cu
50. Impurities of Cu and Ag from gold are removed by :
(A) boiling impure gold with dil. H_2SO_4 **(B)** boiling impure gold with conc. H_2SO_4
(C) electrolytically **(D)** Both (B) and (C)
51. Metallic silver may be obtained from AgCl by :
(A) heating it with current of H_2 **(B)** fusing it with sand
(C) treating with sand **(D)** treating with carbon monoxide
52. Which of the following group of transition metals is known as coinage metals ?
(A) Cu, Ag, Au **(B)** Ru, Rh, Pd **(C)** Fe, Co, Ni **(D)** Os, Ir, Pt
53. Monel metal is an alloy of :
(A) Cu, Ni, Fe, Mn **(B)** Cu, Sn, Zn **(C)** Cu, Sn, P **(D)** Cu, Zn
54. Bronze is mixture of :
(A) Pb + Sn **(B)** Cu + Sn **(C)** Cu + Zn **(D)** Pb + Zn
55. In photographic films we use :
(A) AgI **(B)** NH_3 **(C)** AgCl **(D)** AgBr
56. Which of the following is used as indelible ink ?
(A) Aqueous CuSO_4 solution **(B)** Aqueous AgNO_3 solution
(C) Aqueous NaCl solution **(D)** Aqueous NaOH solution
57. Which of the following pairs of elements cannot form an alloy ?
(A) Zn, Cu **(B)** Fe, Hg **(C)** Fe, C **(D)** Hg, Na
58. Brass, bronze and German silver have one common metal. This is :
(A) Zn **(B)** Fe **(C)** Al **(D)** Cu
59. Which form of iron is least ductile ?
(A) Hard steel **(B)** Cast iron **(C)** Mild steel **(D)** Wrought steel
60. Which of the following have highest melting points ?
(A) p-block elements **(B)** s-block elements
(C) d-block elements **(D)** None of the above