

41. Chocolates can be bad for health because of a high content of

cobalt

nickel

zinc

lead

Answer (b).

42. Solder metal is an alloy of

lead and tin

lead and antimony

copper and zinc

copper and tin

Answer (a).

43. At 30° C, which 3 metals are all liquids?

Hg, Fe, Zn

Hg, Sn, Pb

Zn, Pb, Sn

Hg, Ga, Cs

Answer (d).

44. The first metal to be used by man was

aluminium

copper

iron

silver

Answer (b).

45. Which one of the following does not contain silver ?

Horn silver

German silver

Ruby silver

Lunar caustic

Answer (b). German Silver is an alloy of copper, nickel and zinc.

46. The term 'Carat' is used to express purity of gold. The purest form of gold is :

18 carats

20 carats

22 carats

24 carats

Answer (d).

47. From which of the following ores can iron be extracted?

galena

cryolite

magnetite

cinnabar

Answer (c).

48. The metal compound commonly found in Sindoor or kumkum is based on

tin

copper

lead

zinc

Answer (c).

49. Which one of the following metals is used in fireworks to make brilliant white light?

sodium

magnesium

aluminium

silver

Answer (b).

50. Food cans are coated with tin but not with zinc because -

zinc is costlier than tin

zinc has higher melting point than tin

zinc is more reactive than tin

tin is more reactive than zinc

Answer (c).

51. The planet Mars appears red in colour due to the presence of which of the following minerals?

bauxite

cobaltite

magnetite

hematite

Answer (d).