

# GKINDIA

1. Iron, cobalt and nickel are metals which are

- A. insulator
- B. magnetic
- C. non-magnetic
- D. none of these

Answer: B

2. Elements that are brittle and cannot be rolled into wires are known as

- A. metal
- B. liquid
- C. non-metal
- D. non-elastic

Answer: C

3. Non-metals are dull in appearance, this is why they do not reflect

- A. rays
- B. heat
- C. light
- D. electricity

Answer: C

4. Most common classifications of elements in periodic table are, metal and

- A. solid
- B. liquid
- C. non-metal
- D. non-elastic

Answer: C

5. Property of objects in which you sight cannot see through object is known as

- A. dull
- B. mirror
- C. opaque
- D. none of them

Answer: C

6. Remaining solid on filter paper is known as

- A. stone
- B. residue
- C. particles
- D. solution

Answer: B

7. Letter used to identify an element in periodic table is known as

- A. idea
- B. hint
- C. symbol
- D. formula

Answer: C

8. Iron, cobalt and nickel are metals which are

- A. magnetic
- B. insulator
- C. non-magnetic
- D. none of them

Answer: A

9. Elements that are brittle and cannot be rolled into wires are known as

- A. non-elastic
- B. non-metal
- C. liquid
- D. metal

Answer: B

10. There are \_\_\_\_\_ nonmetals.

- A. 20
- B. 21
- C. 22
- D. 23

Answer: C

11. How many nonmetals are in solid state ?

- A. 10
- B. 11
- C. 12
- D. 13

Answer: B

12. How many nonmetals are in gaseous state ?

- A. 10
- B. 11
- C. 12
- D. 13

Answer: A

13. The atomic number of sulphur is...

- A. 15
- B. 16
- C. 17
- D. 18

Answer: B

14. Which of the following is used as a fuel in space rockets ?

- A. phenol
- B. Liquid Hydrogen
- C. Liquid Nitrogen
- D. Refined Kerosene

Answer: D

15. \_\_\_\_\_ is a metalloid.

- A. Silicon
- B. Copper
- C. Sodium
- D. Bromine

Answer: A

16. The property of metals by which they can be beaten in to thin sheets is called-

- A. Ductility
- B. Expansion
- C. Conduction
- D. Malleability

Answer: D

17. Which one of the following is metal?

- A. C
- B. O
- C. N
- D. Na

Answer: D

18. Which one of the following is non metal?

- A. N
- B. Fe
- C. Br
- D. Na

Answer: A

19. All materials shown property of malleability expect

- A. Iron
- B. Silver
- C. Graphite
- D. Aluminium

Answer: C

20. Which one of the following is a good conductor of electricity?

- A. Iron
- B. Glass
- C. Wood
- D. Plastic

Answer: A

21. The property of metal by which it can be drawn into wires is called

- A. Ductility
- B. Decorating
- C. Malleability
- D. Conductivity

Answer: A

22. The metals that produce ringing sounds, are said to be

- A. Hard
- B. Lustrous
- C. Sonorous
- D. Malleable

Answer: C

23. Which metal is found in liquid state of room temperature?

- A. Al
- B. Fe
- C. Zn
- D. Hg

Answer: D

24. The solution of ash of magnesium ribbon is-

- A. Basic
- B. Acidic
- C. Neutral
- D. All of these

Answer: A

25. What is the product when sulphur reacts with oxygen?

- A. Sulphuric acid
- B. Sulphur trioxide
- C. Sulphur dioxide
- D. Sulphurous acid

Answer: C

26. When sulphur dioxide is dissolve in water then-

- A. Sulphur is formed
- B. Sulphuric acid is formed
- C. Sulphur trioxide is formed
- D. Sulphurous acid is formed

Answer: B

27. The sulphuric acid turns blue litmus paper into-

- A. Red
- B. Green
- C. Yellow
- D. Dark blue

Answer: A

28. Oxides of non metals are \_\_\_\_\_ in nature

- A. Basic
- B. Acidic
- C. Neutral
- D. All of these

Answer: B

29. Sodium metal is stored in-

- A. Ether
- B. Water
- C. Alcohol
- D. Kerosene

Answer: D

30. Which one of the following metal reacts vigorously with oxygen and water?

- A. Sodium
- B. Calcium
- C. Potassium
- D. Magnesium

Answer: A

31. Which metal is present in Calcium Hydroxide?

- A. C
- B. O
- C. H
- D. Ca

Answer: D

32. Which non-metal catches fire if the exposed to air

- A. Sodium
- B. Calcium
- C. Uranium
- D. Phosphorous

Answer: D

33. Which gas are produced when metal react with acids

- A. Oxygen
- B. Nitrogen
- C. Hydrogen
- D. Carbon dioxide

Answer: C

34. Which one of the following does not react with acids?

- A. O
- B. Cr
- C. Cu
- D. Ni

Answer: A

35. Which one of the following gas burns with the "pop" sound?

- A. Oxygen
- B. Chlorine
- C. Hydrogen
- D. Hydrogen sulphide

Answer: C

36. Which of the following can be beaten in to thin sheets?

- A. Zinc
- B. Oxygen
- C. Sulphur
- D. Phosphorus

Answer: A

37. Which of the following statements are correct?

- A. All metals are ductile
- B. Some metals are ductile
- C. All non metals are ductile
- D. Generally metals are ductile

Answer: D

38. What happens when dilute sulphuric acid is poured on a copper plate?

- A. Zinc sulphate formed
- B. Zinc chloride formed
- C. Copper sulphate formed
- D. Copper chloride formed

Answer: C

39. On burning metals react with oxygen to produce-

- A. Metal oxide
- B. Metal chloride
- C. Metal sulphate
- D. Metal hydroxide

Answer: A

40. Which gas produced by piece of burning charcoal?

- A. CO
- B. O<sub>2</sub>
- C. CO<sub>2</sub>
- D. H<sub>2</sub>S

Answer: A

41. Which non metal is essential for our life and inhale during breathing?

- A. O
- B. C
- C. N
- D. H

Answer: A

42. Non metals used in-

- A. Fertilisers
- B. Aeroplanes
- C. Water boilers
- D. Making machinery

Answer: A

43. Which one of the following is applied on wounds as an antiseptic?

- A. Metals
- B. Metalloids
- C. Non metals
- D. All of these

Answer: C

44. Which metal is found in plants?

- A. Cr
- B. Fe
- C. CO
- D. Mg

Answer: D

45. Copper sulphate ( $\text{CuSO}_4$ ) possesses

- A. Red colour
- B. Blue colour
- C. Green colour
- D. Yellow colour

Answer: B

46. Which one of the following are very reactive non metals

- A. Carbon
- B. Sodium
- C. Potassium
- D. Phosphorous

Answer: D

47. Which one of the following is the good conductor of electricity?

- A. Iron rod
- B. Wood
- C. Coal piece
- D. Sulphur

Answer: A

48. Which material show shiny appearance?

- A. Coal
- B. Carbon
- C. Sulphur
- D. Aluminium

Answer: D

49. Which material is hard in nature?

- A. Iron
- B. Coal
- C. Wood
- D. Oxygen

Answer: A

50. Gold is used in-

- A. Fuel
- B. Jewellery
- C. Machinery
- D. Thermometers

Answer: B

51. Which one of the following metal is used thermometers?

- A. Iron
- B. Copper
- C. Mercury
- D. Aluminium

Answer: C

52. Which one of the following can't be drawn into wires?

- A. Al
- B. Cu
- C. Fe
- D. Coal

Answer: D

53. Which substance is present in fuel?

- A. Iron
- B. Gold
- C. Carbon
- D. Copper

Answer: C

54. Zinc replaces copper from-

- A. Copper oxide
- B. Zinc sulphate
- C. Sulphuric acid
- D. Copper sulphate

Answer: D

55. Metallic oxides are-

- A. Neutral
- B. Basic in nature
- C. Acidic in nature
- D. Either acidic or basic

Answer: B

56. Aluminium foil used for wrapping-

- A. Wires
- B. Food
- C. Plastic
- D. Clothes

Answer: B

57. Which one of the following is used for decorating sweets?

- A. Silver foil
- B. Copper foil
- C. Aluminium foil
- D. All of these

Answer: A

58. Which one of the following is in crackers?

- A. Metals
- B. Non-Metals
- C. Semi metals
- D. All of these

Answer: B

59. Hydrogen gas produce when metal react with-

- A. Salt
- B. Acid
- C. Base
- D. Both acid & base

Answer: C

60. Heat conduction is the property of

- A. Metal
- B. Non-metal
- C. Metalloids
- D. All of these

Answer: A

61. Brass is an example of

- A. An alloy
- B. A mixture
- C. An element
- D. A compound

Answer: A

62. A particle may be

- A. an atom
- B. an isotope
- C. a molecule
- D. all of these

Answer: D

63. Other than O and C, main elements of a brick wall includes

- A. Silicon (Si)
- B. Calcium (Ca)
- C. Both (a) and (b)
- D. Aluminum (Al)

Answer: C

64. Symbol of Magnesium is

- A. M
- B. Hg
- C. Mn
- D. Mg

Answer: D

65. Naturally occurring elements are

- A. 91
- B. 92
- C. 93
- D. 94

Answer: B

66. Material is largely composed of

- A. atoms
- B. metals
- C. organic matter
- D. all of these

Answer: A

67. Symbol of iron is

- A. I
- B. Ne
- C. Fe
- D. Sn

Answer: C

68. Symbol of carbon is

- A. C
- B. Ca
- C. Cl
- D. Cr

Answer: A

69. Sn is symbol of

- A. Tin
- B. Lead
- C. Silicon
- D. Selenium

Answer: A

70. Alloys are a form of

- A. metal
- B. mixture
- C. compound
- D. transition metals

Answer: B

71. Elements common in both man and brick wall is

- A. C
- B. O
- C. Ca
- D. all of these

Answer: D

72. A particle may be

- A. atom
- B. molecule
- C. both (a) and (b)
- D. charged

Answer: C

73. Symbol of Mercury is

- A. Me
- B. Mg
- C. Mr
- D. Hg

Answer: A

74. Symbol of Copper is

- A. Ca
- B. Cl
- C. Co
- D. Cu

Answer: D

75. Copper wire is an example of

- A. an alloy
- B. a mixture
- C. an element
- D. a compound

Answer: C

76. A compound is a

- A. pure substance
- B. substance with varying boiling points
- C. a substance with varying melting points
- D. an impure substance due to various elements

Answer: A

77. Smallest particle of a compound is

- A. atom
- B. electrons
- C. molecules
- D. all of these

Answer: C

# GKINDIA

78. Smallest metal name in period table is Tin with a symbol of

- A. Ti
- B. Fe
- C. Tn
- D. Sn

Answer: D