

KALVI AMUTHU'S**SCIENCE – CHEMISTRY (1 MARKS TEST) (2016-17)****Class: X STD Subject: SCIENCE -(CHEMISTRY) Marks: 60 Time: 1hr****I. Choose and write the correct answer (60 X 1 = 60)**

1. In a solution, the component present in lesser amount by weight is called ____
(solvent , solute , both , all)
2. All solutions exist in ____ form (heterogeneous, homogeneous, all, none)
3. Based on the particle size of the substance, the solution are divided
Into __ types. (1,2,3,4)
4. The substance distributed as particles is called ____
(dispersed phase, dispersed medium, all, none)
5. In __ the particles of solid stay in clusters (true ,colloidal ,suspension,none)
6. The phenomenon by which the colloidal particles are in continuous random motion
is called __ (Tyndal effect, Reflection of light, Brownian motion, circular motion)
7. $1 \text{ \AA} =$ ____ (10^{-7}m , 10^{-8}m , 10^{-9}m , 10^{-10}m)
8. ____ is the example for non aqueous solvent (benzene , ether ,CS₂, all)
9. In nature Nitrogen in earth soil is an example for __ solution
(unsaturated , saturated , super saturated , none)

10. An example of dehydrating agent is _____(Cao,Hcl,Cacl₂,Cao.cl₂)
11. Effect of ___ is observed only in the case of gases (temp.,pressure,both,all)
12. ___ is an example for Polar compound.(Cao,Hcl,Cacl₂,Nacl)
13. An empty evaporating dish weighs ___ grams (10,20,30,40)
14. Solubility of ___ in H₂O is 20.7grams at 20° C(Cao,Hcl,Cacl₂,CuSO₄)
15. _____solution scatters light (true,colloidal,suspension,all)
16. In___ solution no more solute can be dissolved
(unsaturated , saturated , super saturated , none)
17. An example for gas in solid is __ (Smoke, cork, ice, water)
18. Dust particles scatter the light making the path of light ___in the room
(invisible, visible,miscible,all)
19. Sol. of potassium sulphate in water at ___is 16 grams (30⁰c,40⁰c,50⁰c, 60°c)
20. Sol. Of NaNo₃ at 20°C is ___ grams in 100 gm of water (67.7, 77.7, 87.7, 80.7)

(Try without options, try ,try ,try)

21. The chemical name of quick lime is _____
22. Burning of Mg ribbon is _____ reaction.
23. When a piece of Zinc is dipped in CuSO₄ solution, the colour
changes from blue to _____

24. Series arrangement of metals in increasing order of their reactivity is called

25. Food stuffs, become stale, due to _____

26. In alkaline medium Methyl orange gives _____ colour.

27. Formic acid is produced by _____.

28. An example for silent volcano is _____.

29. The chemical name of plaster of Paris is _____,

30. _____ is the mixture of baking soda and tartaric acid.

31. Sugar cane requires _____ soil.

32. The PH of mouth falls below _____ the enamel gets corroded.

33. The hydrogen ion concentration of a solution is 0.001 M then the

P^H is _____.

34. PH scale was introduced by _____.

35. _____ is used as a medicine for stomach troubles

36. When CO₂ is passed through lime water, turns _____

37. Bases which ionises partially in aqueous solution is called _____

38. The atmosphere of the planet venus is made of thick layer of _____

39. Greater the surface area _____ the rate of reaction

40. Silver articles become tarnished due to the formation of _____

41. Melting point of aluminum ____ .
42. when steam is passed over red hot aluminium __gas formed
43. ____ is the mixture of $\text{Cu}_2\text{S} + \text{FeS}$.
44. ____ contains 98% pure copper + 2% impurities.
45. COPPER does not attacked by_____.
46. Concentrated ore of iron is heated in a limited supply of air using_
47. Pig iron is remelted and cast into moulds called_____.
48. SPECIFIC GRAVITY of IRON(Fe) is ____
49. .Formula for RUST is_____
50. Moisture and CO_2 from air reacts to form_____
51. COMPLEX reactions done by carbon are called ____.
52. Mixture of Ethanol + pyridine is called _____.
53. CARBON-GROUND STATE of electronic configuration is____
54. _____ for softness of GRAPHITE
55. An Example for Oxidising AGENT is _____
56. In Latin, PARAFFINS means_____.
57. _____ test used to check whether solution is saturated or unsatd.
58. In DEHYDRATION process __acts as Dehydrating agent
59. 3parts of $\text{NaOH} + 1\text{part of CaO}$ (solid mixture) is called ____.
60. The BOILING POINT of ETHANOIC ACID is ____

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