

1) Density of blood is.....then water

- Less
- Greater
- Equal

2) An Azeotropic mixture of two liquids has a higher boiling point.

- A) shows positive deviation from Raoult's law
- B) shows negative deviation from Raoult's law
- C) shows ideal behavior
- D) none of the above

3) The diff between saturated and unsaturated fats...? Ans...unsaturated have double bonds....

4) 3 moles of $\text{CH}_3\text{CH}_2\text{OH}$ reacts with 1 mole of PBr_3 to produce 1 mole of X and three moles of $\text{CH}_3\text{CH}_2\text{Br}$...what is X...?

15) K^{19} will have electronic configuration...?

16) There's a compound that on hydrolysis gives $\text{C}_3\text{H}_7\text{NH}_2$... if that same compound is reacted with dilute HCl ... then the new compound formed will be????

17) Which one is macromolecule

- A. ice
- B. silicon(4)oxide
- C. magnesium oxide
- D.

18) Chromium reacts with H_2SO_4 to give the following complex (complex yad ni)... the colour is:

Brown

Blue

Pink

D yad ni

19) Ethanoic acid can not be converted to ethanyl chloride by reacting it with:

- PCl_3
- PCl_5
- SOCl_2

20) Ethyl and isopropyl iodide treated with wurtz reaction then what will be formed ?

21) Which of the following is wurtz reaction.

22) Electric conduction is high in

- A. solid NaCl
- B. sugar sol
- C. solid graphite

23) Lead is removed from silver by using???

24) Why are neutrons readily penetrating particles?

A. They have neutral charge

25) The rate of reaction of a compound is $K[A][B]$, if the volume of a vessel is reduced to $1/4$ then tell the rate of reaction as compared to original rate.....

26) Which of the following statements is true?

- A) All nitrates of group 2 metals are decomposed by heat to give the oxide NO_2 .
- B) Aqueous sodium nitrate is acidic to litmus.
- C) Aqueous ammonium nitrate is alkaline to litmus
- D) alkali metal nitrates are insoluble in water

27) Specific heat of vaporization of water 574 Kcal/kg

28) $\text{C}_3\text{H}_4\text{O}_3$ empirical formula ascorbic acid

29) phenol reacts with Zn A. oxidation b. reduction (right one)

30) CN^- , CO , NO^+ have which of the following in common

31) What is the correct order of osmotic pressure

BaCl_2 , NaCl and sucrose solution