

Lab organic past papers (رَوَح)

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Done by:



1- Neutralizing effectiveness of anti acid defined by :

- a-) A number of mole of antiacid base per grame of antiacid tablet
- b-) number of grame of base oer mole antiacid
- c-) number of mole of NaOH in tablet per number of mole HCl in stomach
- d-)A and B

Answer:

2- 732.9 g of $BaCl_2 \cdot 2H_2O$ (MM = 244.3) 760.2 g of $Na_2PO_4 \cdot 12H_2O$ (MM = 380.1) and be a precipitate of a $Ba_3(PO_4)_2$

Which the correct when the supernatent solution is tested ?

- a-) the test is positive for Ba^{+2} ion
- b-) the test is positive for PO_4^{-3}
- c-) the test is negative for both barium and PO_4
- d-) the test is positive for both .

Answer:

3- One of the following is correct about tap water :

- a-) natural since it is highly pure
- b-) none of the answers
- c-) Basic because burning coal produce NH_3 to the atmosphere which is basic
- d-) it is acidic since dissolved atmosphere CO_2 react with water to produce acid

Answer:

4- A,X,Y,Z has melting point 62 , 78 , 56 , 115 respectively whic of them we can know it's boiling point with water bath :

- a-) A
- b-) Z
- c-) All except Z

Answer:

5- Density is 1.63 g/ ml what is the mass of 0.25l in grams
I think its = 407.5



6- mixing two solutions and the resulting solution is hot, this is evidence of ?

A chemical change is taken place

7- which of the following is correct about mother liquor ?

- a-) it has soluble impurities with substance to be purified

8- Which of the following is test for recrystallisation .

Melting point

9- The solubility of $Ba_3(po_4)_2 = 0.520$ mg/l , How milgram of $Ba_3(po_4)_2$ is dissolved in 200 ml ?

I think its 0.104 mg

10- $AgNO_3$ make a parcupitate with what of the following?

a-) NH_4Cl with $NaCl$

b-) $NaCl$

c-) $Mgso_4$

d-) Na_2co_3

e-) NH_4Cl

Answer:

11-Which of the following is true about group I functional ?

- Alkanes are the most unreactive compound

12- 40 ml of 0.11M Hcl with 0.39 g antacid back titration with 0.095 M NaOH 12.31ml what is the effectiveness of antiacid ?

I think its 0.00828 not sure

13- What color do anthrance with Al/CL_3 , CH / CL_3 ?

-green

14- The ideal gas is one of the following

a-) has no color

b-) zero volum

c-) no interaction between the molecules

d-) b and c

Answer:

15- What is the color given from bromophonel blue in acidic solution

- yellow



16 - For the reaction of alkene and alkyne with permanganate in acidic which one is correct ?

- a-) All of the answer
- b-) secondary hydrogen sulfate produced
- c-) the reaction is discribed acid - base reaction
- d-) Diol is produced

Answer:

17-what is the 1Signs for the chemical reaction

- a-) odor
- b-) color
- c-) percipitate
- d-) gas
- e-) All of the answer

Answer:

18- 12 mole of O₂ with 1.1 mole of C₁₀H₈ what is the limiting reactant



-O₂

19 -The good solvent soluble should be ?

- a-) High temperature coaffeition towards the purified
- b-) low temperature coaffeition toward the impurity
- c-) low temperature coaffeition towards the purified
- d-) High temperature coaffeition towards the impurity
- e-) A and B



Answer:

20- which of the following is correct about acid and base?

- a-) Base give hydroxide in solution and have bitter taste and turn litmus paper to the blue
- b-) Acid give hydronum ion in solution and have sour taste and turn the litmus paper to the yellow

Answer:

21- 6.9 salicylic acid (MM= 138.1) with 4.08 anhydride (MM= 102.1) produced aspirin (MM=180.2) the mass of aspirin?

-I think its 7.2 g

22- p= 0.134 and V = .97 in 27 c and the mass = 0.411g what is the MM ?

-I think its 77.9 g / mol

23- which of the following have the highest PH ?

- a-)NaOH
- b-) HCl

25- رسمة فيها الشعلة مقسمة ٣ اقسام اللي فوق عليه رمز A
بالنص B واخر اشي C وطلب وصف الهم

a-) A is yellow flame B is the hottest part C blue flame
b-) A is a blue flame B is the hottest part C blue flame



