**VOCLET 2013 Question And Answer Chemistry**

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| **VOCLET Chemistry 25 Question Answers** | |
| 1. Phenolphthalein is an :  a) Acid Salt b) Acid c) Alkali d) Indicator Ans: d) Indicator | 2. Coagulant used for the treatment of waste water is:  a) NaCl b) Na2SO4  c) FeSO4 d) KCl  Ans: c) Na2SO4 |
| 3. Most commonly used vulcanising agent is :  a) Sulphur b) Dimond c) Graphite d) Phosphorous Ans: a) Sulphur | 4. Which of the following compounds decolorised red bromine water solution:  a) CH4 b) C2H6  c) C2H4 d) CCl4  Ans: CCl4 |
| 5. Which of the following compounds contains a double bond :  a) C2H2 b) CH4  c) C2H4 d) C2H4 Ans: c) C2H4 | 6. What is the pH value of 10-8N HCL:  a) 8 b) 6  c) 6.98 d) 9  Ans: a) 8 |
| 7. Galvanization means plating by :  a) Zn b) Sn c) Ni d) Cu Ans: a) Zn | 8. For cathodic protection the mostly used metal is : a) Zn b) Ca  c) Ni d) Mg  Ans: a) Zn |
| 9. Which can stop bleeding due to small cut most easily ? :  a) K2SO4 b) NaCl c) Sugar d) Alum Ans: d) Alum | 10. Natural rubber consists of : a) 1,3 butadiene b) Isoprene  c) But-1-ene d) Styrene  Ans: a) 1,3 butadiene |
| 11. Which is used as lubricant? :  a) NaOH b) FeCl3 c) H3PO4 d) MoS2 Ans: d) MoS2 | 12. Picric acid is : a) 2,4,6 trinitro benzoic acid b) 2,4-dinitro benzoic acid  c) 2,6-dinitro phenol d) 2,4,6-trinitro phenol  Ans: d) 2,4,6-trinitro phenol |
| 13. The compound used in plastic industry :  a) C2H4 b) HCHO c) C6H5OH d) All of them Ans: d) All of them | 14. Which one of the following elements in coal decreases its Calorific value : a) Nitrogen b) Hydrogen  c) Sulphur d) Carbon  Ans: a) Nitrogen |
| 15. A chemical reaction is at equilibrium when :  a) The reactants are completely transformed in to products  b) The rate of froward and backward reactions are equal c) Formation of product is stoped  d) Equal amount of reactants and products are present Ans: d) Equal amount of reactants and products are present | 16. Octane number of Isooctane is : a) 0  b) 100  c) 92  d) 104  Ans: b) 100 |
| 17. Corrosion is a process of :  a) Oxidation  b) Reduction c) Precipitation  d) Sublimation Ans: a) Oxidation | 18. Temporary hardness of water is due to : a) CaCl2  b) MgSO4  c) Ca(HCO3)2  d) CaCO3  Ans: c) Ca(HCO3)2 |
| 19. The suitability of a diesel fuel is determined by :  a) Octane Number  b) Length of hydrocarbon chain c) Cetane number  d) % of carbon Ans: c) Cetane number | 20. Which one produces red ppt. with ammoniacal Cu2Cl2 : a) Ethene  b) Ethane  c) Ethyne  d) both a and c  Ans: d) both a and c |
| 21. DDT is obtained when chlorobenzene is treated with the following in presence of con. H2SO4 :  a) CH3CHO  b) HCHO c) CCl3CHO  d) CH3COOH Ans: c) CCl3CHO | 22. The main constituent of LPG is : a) Methene  b) Butane  c) Ethane  d) Propane  Ans: b) Butane |
| 23. How many atomes are present in 0.98 gm H2SO4 :  a) 6.023 x 1021  b) 3.012 x 1023 c) 4.21 x 1022  d) 3.02 x 1021 Ans: a) 6.023 x 1021 | 24. A fuel gas, which is also used as a source of hydrogen is : a) Producer gas  b) Coal gas  c) Water gas  d) Natural gas  Ans: c) Water gas |
| 25. The number of molecules in 1 mole methane (CH4) at 546 K and under 2 atmosphere pressure is :  a) N  b) 2N c) >N but <2N  d) <N Ans: a) N | \*\* All answers are provided here according of my knowledge and some research on net. I would not want to supply any wrong answer, but no body is perfect. If you think any answer(s) provided here is/are wrong then please write the right answer in the comment box. I will be thankful to you. |