

VOCLET 2013 Question And Answer Chemistry

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) Na ₂ SO ₄ c) FeSO ₄ d) KCl Ans: c) Na ₂ SO ₄
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) CH ₄ b) C ₂ H ₆ c) C ₂ H ₄ d) CCl ₄ Ans: CCl ₄
5. Which of the following compounds contains a double bond : a) C ₂ H ₂ b) CH ₄ c) C ₂ H ₄ d) C ₂ H ₄ Ans: c) C ₂ H ₄	6. What is the pH value of 10 ⁻⁸ N 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) K ₂ SO ₄ 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) FeCl ₃ c) H ₃ PO ₄ d) MoS ₂ Ans: d) MoS ₂	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) C ₂ H ₄ b) HCHO c) C ₆ H ₅ OH 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	16. Octane number of Isooctane is : a) 0 b) 100 c) 92 d) 104 Ans: b) 100

<p>c) Formation of product is stopped d) Equal amount of reactants and products are present Ans: d) Equal amount of reactants and products are present</p>	
<p>17. Corrosion is a process of : a) Oxidation b) Reduction c) Precipitation d) Sublimation Ans: a) Oxidation</p>	<p>18. Temporary hardness of water is due to : a) CaCl_2 b) MgSO_4 c) $\text{Ca}(\text{HCO}_3)_2$ d) CaCO_3 Ans: c) $\text{Ca}(\text{HCO}_3)_2$</p>
<p>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</p>	<p>20. Which one produces red ppt. with ammoniacal Cu_2Cl_2 : a) Ethene b) Ethane c) Ethyne d) both a and c Ans: d) both a and c</p>
<p>21. DDT is obtained when chlorobenzene is treated with the following in presence of con. H_2SO_4 : a) CH_3CHO b) HCHO c) CCl_3CHO d) CH_3COOH Ans: c) CCl_3CHO</p>	<p>22. The main constituent of LPG is : a) Methene b) Butane c) Ethane d) Propane Ans: b) Butane</p>
<p>23. How many atoms are present in 0.98 gm H_2SO_4 : a) 6.023×10^{21} b) 3.012×10^{23} c) 4.21×10^{22} d) 3.02×10^{21} Ans: a) 6.023×10^{21}</p>	<p>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</p>
<p>25. The number of molecules in 1 mole methane (CH_4) at 546 K and under 2 atmosphere pressure is : a) N b) 2N c) >N but <2N d) <N Ans: a) N</p>	<p>** 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.</p>