

12th Chemistry Very Important Short Questions Guess Paper 2021

- Diamond is a non-conductor but graphite is a good conductor Why?
- Define “Electron Affinity” Why is the second electron affinity value positive?
- Why is the first ionization energy of Mg greater than that of Na?
- What is the Borax bead Test?
- How does NO act as an oxidizing agent?
- Why is dinitrogen oxide called Laughing gas?
- How is H₃PO₄ prepared on a large scale?
- How urea is prepared from Ammonia?
- What are micronutrients required for proper growth of plants?
- Give significance of potash fertilizer
- How is Portland cement made? Why is gypsum added to the cement?
- HF is a weak acid. Why?
- Write four uses of Bleaching powder.
- How can bleaching powder act as an oxidizing agent?
- What are polycyclic aromatic hydro-carbons? Give two examples.
- Write structural formula of: a) Naphthalene b) Diphenyl methane
- How will you prove that benzene has cyclic structure?
- What happens to benzene during Friedel Crafts reaction? Give the mechanism of one reaction.
- What do you know about ozonolysis?
- What is the difference between Aldehyde and Ketone?
- Why is Tollen’s test also called the silver mirror test?
- What is the silver mirror test? Give an example.
- What is vinegar? How is it prepared from ethyl alcohol?
- Differential between Homocyclic or Heterocyclic compounds.
- What are Amines and Imines? Give one example of each
- Explain geometrical isomerism with examples.
- Define Cis-Trans Isomerism. Give one example.
- Alkanes are less reactive than Alkenes, comment.
- What is polymerization? How high quality polyethene is prepared from ethene?
- Why does Alkane show least-reactivity?
- Give the mechanism of SN₁ reactions.
 - Define nucleophile and substrate with an example.
 - What is rectified spirit? How is absolute alcohol obtained from it?
 - Give oxidation of primary and secondary alcohols.