

SARALA BIRLA PUBLIC SCHOOL

Mahilong, Ranchi.

Revision Test (CHEMISTRY)

Class - X



1. Name two elements that are alloyed with iron to make stainless steel.
2. Zinc oxide is a metal oxide. Which of the following term best describes the nature of Zinc oxide:
a) an acidic oxide b) a basic oxide c) an amphoteric oxide d) a neutral oxide
3. What happens when copper powder is heated?

The questions below consist of statements of an ASSERTION AND A REASON .

In each of following questions, a statement of assertion is given by the corresponding statement of reasons. Of the statements, mark the correct answer as

- A. If both Assertion & Reason are True & the Reason is a correct explanation of the Assertion.
- B. If both Assertion & Reason are True but Reason is not a correct explanation of the Assertion.
- C. If Assertion is True but the Reason is False.
- D. If both Assertion & Reason are False
- E. If Assertion is False but the Reason is True.

Assertion: Metals are sonorous.

Reason: They are generally brittle in the solid state, they break into pieces when hammered.

4. Define pH.
5. Show the electronic transfer in the formation of $MgCl_2$ from its elements.
6. Why should Plaster of Paris be stored in moisture proof containers?
7. Give the balanced equations for the following:
i) Chlorine + Sodium hydroxide \rightarrow Sodium Chloride + Sodium chlorate + Water
ii) Sodium nitrate + Sulphuric acid \rightarrow Sodium sulphate + Nitric acid
8. Write the chemical formula for bleaching powder. How is bleaching powder prepared? For what purpose is it used in paper factories?
9. Compound X and aluminium are used to join railway tracks. (i) Identify the compound X. (ii) Name the reaction. (iii) Write the equation involved.
10. Explain the processes involved in obtaining metal from its ore.
11. A sodium compound Y is used in glass and soap industry. (i) Name the compound and give its chemical formula. (ii) how many molecules of water of crystallisation are present in the compound. (iii) How will you prepare the above compound starting from sodium chloride?
Write all equations involved in the process.