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**SERIES - 1**

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**Important Questions  
for Chhattisgarh  
Board Exam ‘2021’**

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**CLASS – 10<sup>th</sup>**

**Subject - Science**

**“Metal and Metallurgy ”**

**2 Marks Questions.**

1. While gold and platinum is used to make jewellery ?
2. What is Galvanization?
3. What is metallurgy ?
4. Write name and formulae of oxide ores of iron .
5. Name the districts of Chhattisgarh where haematite is available .
6. Write the names of Alkali metals.
7. Why is the brightness reduced by keeping metals in open air ?
8. what is Aquaregia? Explain with chemical equation?
9. Write the various measures of prevention of corrosion .
10. What do you understand by roasting? Explain taking changes takes place in ores during this process.

**4 Marks Questions:**

11. Difference between Minerals and Ore.
12. Explain the followings :
  - a. Ore.
  - b. Minerals
  - c. Slag
  - d. Flexes

**5 Marks Questions:**

13. Explain the following process of concentration of ore:
  - a. Gravity separation process.
  - b. Magnetic separation process .
  - c. Froath flotation process .
14. Explain Iron extraction from haematite on the basis of following steps –

- a. Concentration of ore.
- b. Reduction of oxide in metal (with chemical equation )
- c. Diagram of blast furnace

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