



CHEMISTRY

NCERT - FULL MARKS CHEMISTRY(TAMIL)

GENERAL INTRODUCTION TO METALLURGY

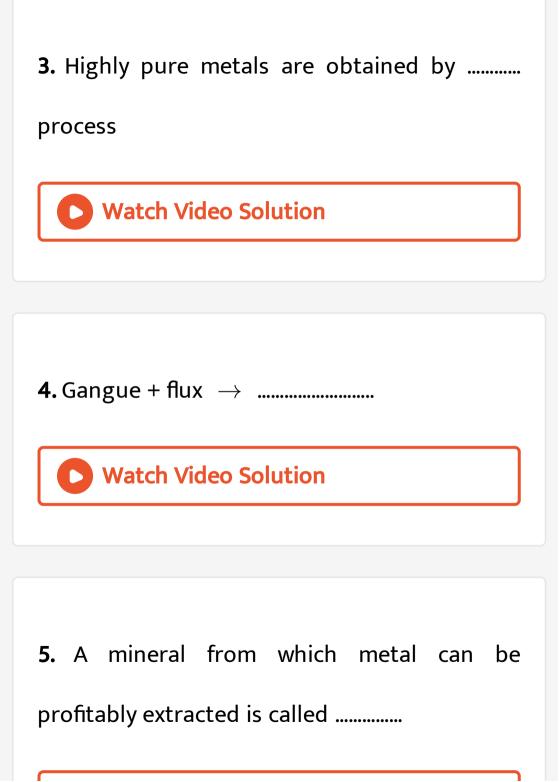
Questions Fillup The Blanks

1. The earthy impurities associated with ores are Watch Video Solution

2. Froth flotation process is suitable for

concentrating ores.





6. The coefficient of thermal conductivity of copper is nine times that of steel. One end of copper is maintained at 100°C and the other end of steel is maintained at 0°C. If the corresponding lengths of the copper and iron are 18cm and 6cm respectively, What will be the temperature at the junction of copper and steel?

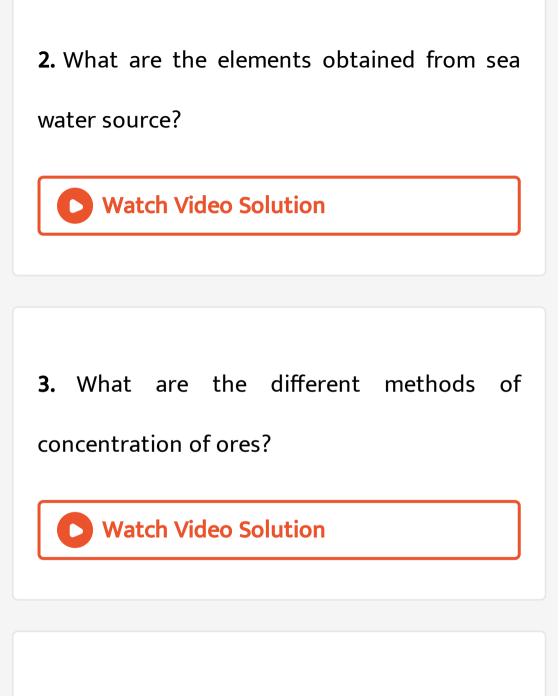
7. is used as a foaming agent.



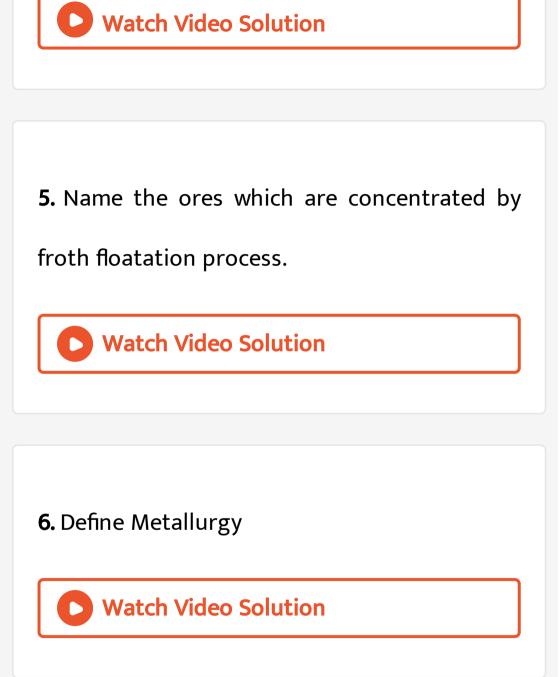
Questions Write In One Or Two Sentence

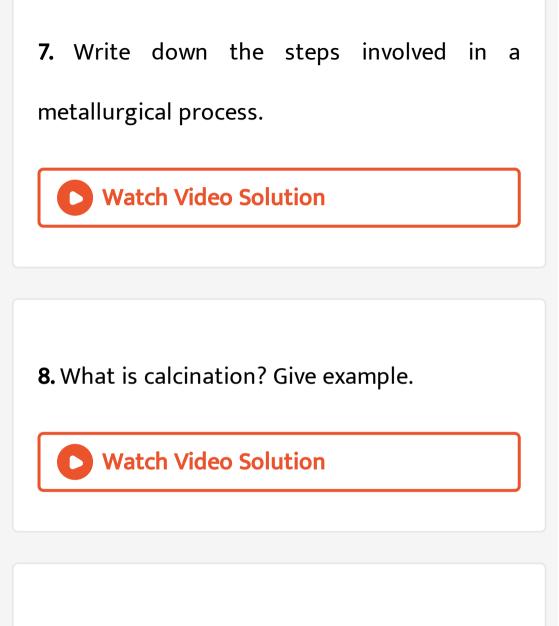
1. Distinguish between ore and mineral with

suitable example ?



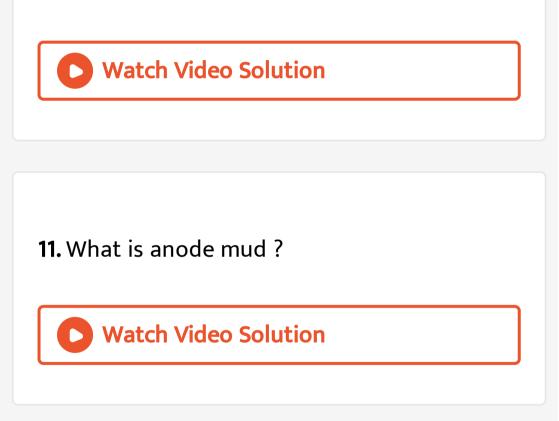
4. What is gravity separation ?





9. What is the 5 R principle?

10. What is meant by dielectric ?



12. What do you understand by the following

terms (i) roasting (ii) smelting

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Questions Explain Briefly On The Following

1. Write short note on source of element in

living system.

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2. Explain froth floatation, with diagram.

3. How electrolytic separation process is useful

in the separation of magnetic impurities from

nonmagnetic ores? Draw the diagram.



4. What are the informations conveyed by a

chemical equation ?

5. What is roasting ? Explain different types of

roasting with suitable example.



6. What is smelting ? Explain the process with

example.

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7. What is Zone refining ? Describe the principle involved in the purification of the

metal by this method.



8. How nickel is extracted by Mond's process? Write the various reactions involved in the process.

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9. Write short note on mineral wealth of India.

10. Give a brief account of the mineral wealth

of Tamil Nadu