

CHEMICAL INDUSTRIES

Single Page Note.

METALLURGY

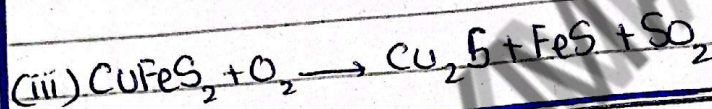
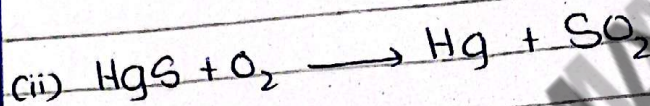
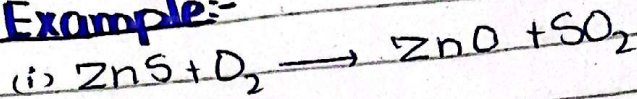
process of separating metal from its ore.

STEPS OF METALLURGY:

- Crushing
- Concentration
- Extraction
- Refining
- Disillation

Roasting:- Heating of a substance at temperature below their melting point.

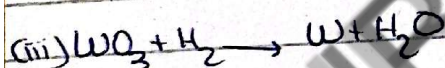
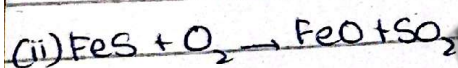
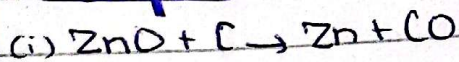
Example:-



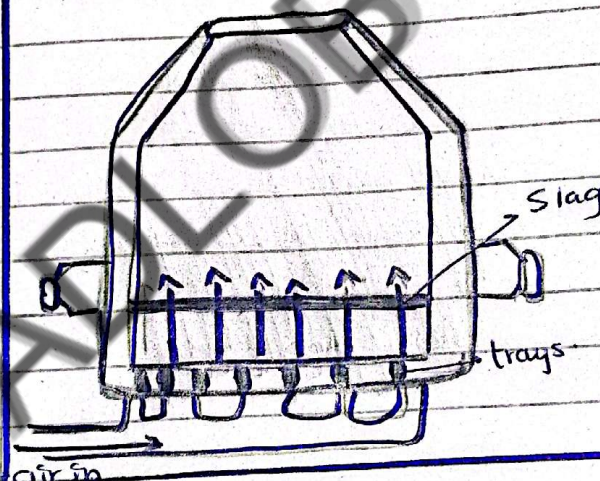
SMELTING:-

Reducing metal into free metal.

Example:-



BESEMMER CONVERTER



SOLVAY PROCESS

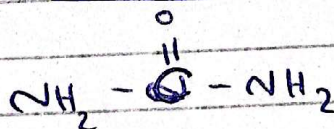
1- Ammonical Brine

↓
Carbonating Tower.

↓
Ammonia Recovery Tower.

↓
 NH_3

UREA



PETROLEUM

• thick dark brown viscous liquid mainly consisting of hydrocarbons which are separated by fractional distillation.

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