

DPP

DAILY PRACTICE PROBLEMS

Class : XIIth
Date :

Solutio

Subject : CHEMISTRY
DPP No. : 2

Topic :- Isolation Elements

- 1 (b)
Metals which are inert towards many common reagents are called noble metals.
- 2 (b)
Follow text.
- 3 (a)
Fe does not form amalgam with Hg.
- 4 (b)
Peat is an early stage in the formation of coal from vegetable matter.
- 5 (a)
It is a fact.
- 6 (a)
It is definition of roasting.
- 7 (a)
Due to the formation of K_2MnO_4 .
- 8 (a)
Other methods are used for extraction of Al from its ores.
- 9 (b)
It is a fact.
- 10 (b)
The method of zone refining of metals is based on the principle of greater solubility of the impurity in the molten state than in the solid. Elements which are used as semiconductors like Si, Ge, Ga etc are refined by this method
- 11 (c)
Bauxite is $Al_2O_3 \cdot 2H_2O$.
- 12 (d)
Pyrolusite – MnO_2
Malachite – $CuCO_3 \cdot Cu(OH)_2$
Diaspore – $Al_2O_3 \cdot H_2O$
Cassiterite – SnO_2
- 13 (a)
Fluorspar (CaF_2),
Cryolite (Na_3AlF_6)
Feldspar ($KAlSi_3O_8$),
Mica ($K_2O \cdot 3Al_2O_3 \cdot 6SiO_2 \cdot 2H_2O$)
- 14 (d)
Alloys of metals with Hg are called amalgams.
- 15 (d)
A natural sulphide of iron and arsenic, $FeAsS$.
- 16 (d)
In froth floatation method, the pure ore is not easily wetted by water but wetted by pine oil, so it is successfully separated from impurities
- 17 (c)



- 18 Metallic character increases down the group.
(d)
Molten magnesium is lighter than ore.
- 20 (a)
This is auto reduction of copper sulphide.



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ANSWER-KEY										
Q.	1	2	3	4	5	6	7	8	9	10
A.	B	B	A	B	A	A	A	A	B	B
Q.	11	12	13	14	15	16	17	18	19	20
A.	C	D	A	D	D	D	C	D	B	A



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