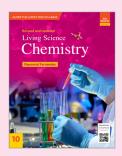
ICSE Living Science CHEMISTRY



Class 10

Multiple-Choice Questions

CHAPTER 7: METALLURGY

1.	Which of the following metals is not found in free stat(a) Gold(c) SilverAns: b	(b)	Copper Platinum
2.	Which of the following is not a step under the process(a) Concentration of ore(c) Refining of impure metals Ans: d	(b)	metallurgy? Conversion of concentrated ore into metal oxide Oxidizing the ore
3.	 Which of the following methods is based on the difference towards a particular reagent? (a) Chemical separation (b) Physical separation (c) Magnetic separation (d) Filtration Ans: a 	ence	in the chemical reactivity of the ore and the gangue
4.	 Calcination is the process of heating the concentrated supply of, air. (a) boiling point (c) melting point Ans: c 	(b)	below its in the absence of, or limited freezing point dehydrating point
5.	Roasting is generally used for ores.(a) carbonate(c) sulphiteAns: b		sulphide nitrate
6.	Aluminium belongs to Group of the peri (a) 10 (c) 12 Ans: d	(b)	
7.	The most common ore of aluminium is	. ,	bauxite. galena.

8.	The process of adding crystals of Al(OH) ₃ to the precipitation process in Baeyer's process is called				
	(a) seeding.	(b)	precipitation.		
	(c) crystallization.	(d)	addition.		
	Ans: a				
9.	Aluminium is usually extracted by the process.				
	(a) Baeyer's		Haber-Bosch		
	(c) Hoope's	(d)	Hall-Heroult's		
	Ans: a				
10	0. Cryolite and fluorspar mixture acts as a solvent for alumina and also the fusion temperature.				
10.	(a) increases		lowers		
	(c) stabilizes		initiates		
	Ans: b				
11	11. A layer of powdered coke is sprinkled over the electrolytic mixture to reduce heat loss due to				
	(a) conduction.	-	radiation.		
	(c) convection.	. ,	assimilation.		
	Ans: b	()			
40			waren released it		
12.	The carbon anode has to be replaced periodically as the (a) oxidizes		reduces		
	(c) neutralizes	. ,	corrodes		
	Ans: a	(u)	conodes		
13.	In the electrolytic reduction of fused alumina,		_		
	(a) carbon dioxide		nitrogen		
	(c) oxygen	(a)	hydrogen		
	Ans: a				
14.	Stainless steel is an alloy of, nickel, chron				
	(a) iron		aluminium		
	(c) zinc	(d)	copper		
	Ans: a				
15.	is used in making aircraft and its parts.				
	(a) Stainless steel	. ,	Solder		
	(c) Magnalium	(d)	Duralumin		
	Ans: d				
	Brass is an alloy of				
	(a) copper and zinc.		iron and copper.		
	(c) iron and zinc.	(d)	aluminium and copper.		
	Ans: a				
17.	is used in electrical fitting.				
	(a) Solder	(b)	Duralumin		
	(c) Alinco	(d)	Nichrome		
	Ans: d				

- 18. of metals lowers their melting points.
 - (a) Oxidation
 - (c) Polishing Ans: d

- (b) Reduction
- (d) Alloying
- **19.** The properties of alloys are the constituent metals.
 - (a) similar to (b) different from (d) extension of
 - (c) superior to Ans: b
- 20. Alinco is used for making electromagnets, as it is
 - (a) light.
 - (c) resistant to corrosion.

- (b) shiney.
- (d) all of these.

Ans: d

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