

Chemistry 10th Class English Medium Unit 16 Online Test

Sr	Questions	Answers Choice
1	Which one of the following is manufactured by Solvar's process:	A. caustic soda B. washing soda C. urea D. sulphuric acid
2	Chalco-pyite is an ore of:	A. iron B. aluminium C. silver D. copper
3	Chemical formula of copper glance is:	A. Cu ₂ O B. Cu ₂ S C. CuFeS ₂ D. CuSO ₄
4	Blonde hair contains compounds of:	A. molybdenum B. iron C. titanium D. copper
5	The process of removal of gangue form the ore is technically known as:	A. concentration B. purification process C. metallurgy D. refining
6	In forth flotation process the ore particles are preferentially wetted by:	A. water B. oil C. benzene D. petrole
7	When copper pyrite (CuFeS ₂) is strongly heated in excess of airt converted into mixture of:	A. Cu ₂ S + Cu ₂ O B. Cu ₂ O + FeS C. Cu ₂ S + FeS D. FeO + SO ₂ + Cu ₂ S
8	In smelting process a small amount of coke is required because:	A. it is highly endothermic process B. it is highly exothermic process C. it is very fast process D. it is very slow process
9	Chemical formula of matte will:	A. Cu ₂ S.FeS B. Cu ₂ S C. Cu ₂ O D. FeS
10	Bister copper is pure about;	A. 70% B. 80% C. 90% D. 98%
11	Manufacturing of urea involves:	A. 2 steps B. 3 steps C. 4 steps D. 5 steps
12	Catalyst used in Haber's process is:	A. Ni B. Fe C. Cu D. Zn
13	Extraction of metals from its ores is called.	A. Metallurgy B. Mining C. Griding D. All
14	At the time of partition, How many industries wee present in Pakistan.	A. 30 B. 32 C. 34 D. 40
15	Which one of the ore of copper?	A. Copper glance B. Chalcoppyrite C. Both a and b D. None of these

16	Brown hair contains.	A. Iron compound B. Copper compound C. titanium compound D. Both a and b
17	Blonde hair contains compound of.	A. Iron B. Copper C. titanium D. Molybdenum
18	Red hair contains compound of.	A. Iron B. copper C. titanium D. Molybdenum
19	Process of heating the concentrated ore to high temperature in excess of air is called.	A. Roasting B. Smelting C. Bessemerization D. All
20	Which one of the not metal.	A. Copper B. Carbon C. chromium D. Iron
21	The elements that do not conduct heat and electricity are called.	A. Metallurgy B. Non metal C. Metalloid D. Alloy
22	Metallurgy involves which of the following steps?	A. Mining and enrichment B. Reduction C. Refining and casting. D. All of these
23	Blast furnace usually used for the metallurgy of.	A. Iron B. Copper C. Aluminum D. Both a and b
24	The process of roasting during metallurgy of copper is carried out in a special furnace called.	A. Blast furnace B. Fire furnace C. Bessemer converter D. Reverberatory furnace
25	Froth flotation process is used to concentrate.	A. Copper ore B. Iron ore C. Chromium ore D. Aluminum ore
26	Compound of metal exist under earth crust are called.	A. Ore B. Gangue C. Minral D. None of these
27	Which contains sufficient amount of metal?	A. Mineral B. Ores C. Rocks D. Soil
28	A saturated solution of sodium chloride is called.	A. Brine B. Suspension C. Colloidal D. None of these
29	Raw materials used in Solvay's process.	A. Brine B. Lime stone C. Ammonia gas D. All
30	Formula of baking soda is.	A. Na_2CO_3 B. NaHCO_3 C. Na_2SO_4 D. Na_2PO_4
31	Formula of soda ash is.	A. Na_2CO_3 B. NaHCO_3 C. Na_2SO_4 D. Na_3PO_4
32	Imperial chemical industries was established in.	A. 1942 B. 1944 C. 1950 D. 1990
33	Sindh alkalies limited was established near Karachi in.	A. 1965 B. 1966 C. 1970

		<p>C. 1913</p> <p>D. 2000</p>
34	How many % age of nitrogen in urea fertilizers?	<p>A. 40.6</p> <p>B. 45.6</p> <p>C. 46.6</p> <p>D. 50</p>
35	The raw materials for the manufacturing of urea are.	<p>A. Ammonia</p> <p>B. Carbondioxide</p> <p>C. Limestone</p> <p>D. a & b</p>
36	Ammonia is prepared by the process .	<p>A. Ostwald</p> <p>B. Haber</p> <p>C. Clark</p> <p>D. All</p>
37	How many % age of nitrogen present in air by volume?	<p>A. 70%</p> <p>B. 75%</p> <p>C. 78%</p> <p>D. 80%</p>
38	How many % age of urea is used as fertilizers?	<p>A. 80%</p> <p>B. 90%</p> <p>C. 95%</p> <p>D. 98%</p>
39	Formula of Urea is.	<p>A. KCNO</p> <p>B. $\text{H}_2\text{N-CO-NH}_2$</p> <p>C. $\text{HN-CO}_2\text{-NH}$</p> <p>D. $\text{H}_3\text{-CO-N-CO-NH}_3$</p>
40	The number of carbon atoms present in petroleum gas.	<p>A. 1-2</p> <p>B. 1-3</p> <p>C. 1-4</p> <p>D. 1-5</p>
41	The number of carbon atoms present in petroleum ether.	<p>A. 1-5</p> <p>B. 2-5</p> <p>C. 3-7</p> <p>D. 5-7</p>
42	The number of carbon atoms present in gasoline or petrol.	<p>A. 5-10</p> <p>B. 6-10</p> <p>C. 7-10</p> <p>D. 8-10</p>
43	The number of carbon atoms present in kerosene oil.	<p>A. 8-12</p> <p>B. 9-12</p> <p>C. 10-12</p> <p>D. 11-12</p>
44	The number of carbon atoms present in diesel oil.	<p>A. 10-15</p> <p>B. 11-15</p> <p>C. 12-15</p> <p>D. 13-15</p>
45	The number of carbon atoms present in fuel oil.	<p>A. 14-18</p> <p>B. 15-18</p> <p>C. 16-18</p> <p>D. 17-18</p>
46	Concentration is a separating technique in which mineral is separated from.	<p>A. Gangue</p> <p>B. Silicates</p> <p>C. Aluminates</p> <p>D. All</p>
47	Sodium carbonate is manufactured by.	<p>A. Haber's process</p> <p>B. Ostwald's process</p> <p>C. Solvay's process</p> <p>D. All</p>
48	Ammonical brine is prepared by dissolving ammonia gas in.	<p>A. NaCl</p> <p>B. CaCO_3</p> <p>C. CaCl_2</p> <p>D. Na_2SO_4</p>
49	The residual oil is heated above 400 c to produce.	<p>A. Lubricants</p> <p>B. Paraffin wax</p> <p>C. Asphalt</p> <p>D. All</p>
50	Concentration is a .	<p>A. Mixing technique</p> <p>B. Separating technique</p> <p>C. Boiling technique</p> <p>D. cooling technique</p>

51	Froth flotation process is used to concentrate the ore on:	A. Density basis B. Concentration basis C. Wetting basis D. Magnetic basis
52	Matte is a mixture of:	A. FeS and CuS B. Cu_2O and FeO C. Cu_2S and FeS D. CuS and FeO
53	In the bessemerization process.	A. Roasted ore is beaten. B. Molten matte is removed. C. Molten matte is heated D. Molten matte is added
54	Concentration of the copper ore is carried out by:	A. Calcinations B. Roasting C. Forth flotation D. Distillation
55	When CO_2 is passed through the ammonical brine the only salt that precipitates is:	A. NaHCO_3 B. NH_4HCO_3 C. Na_2CO_3 D. $(\text{NH}_4)_2\text{CO}_3$
56	In solvay's process slaked lime is used to:	A. Prepare CO_2 B. Prepare quick lime C. Recover ammonia D. Form Na_2CO_3
57	When NaHCO_3 is heated it forms.	A. CO_2 B. Ca(OH)_2 C. CaCO_3 D. CaO
58	Crude oil is heated to the fractionating furnace upto.	A. 300 °C B. 350 °C C. 400 °C D. 450 °C
59	When crude oil is heated in the fractionating tower:	A. Vapour of higher boiling point fraction condense first in the lower part of the tower. B. Vapours of lower boiling point fraction condense first in the lower part of tower. C. Vapour of higher boiling point condense lather in the upper part of tower. D. Vapours of higher boiling point never condense.
60	Which one of the following is used as jet fuel.	A. Kerosene oil B. Lubricating oil C. Fuel oil D. Diesel oil
61	Which one of the following is not faction of crude oil.	A. Paraffin wax B. Asphalt C. Fuel oil D. Petroleum coke
62	Which one of the following is not a fraction of petroleum?	A. Kerosene oil B. Diesel oil C. Alcohol D. Petrol
63	The nitrogen present in urea is used by plants to synthesize.	A. Sugar B. Proteins C. Fats D. DNA
64	Which one of the following organic compound is found is gasoline?	A. C_2H_4 B. C_3H_8 C. C_7H_{10} D. $\text{C}_{12}\text{H}_{26}$
65	Concentration of copper are is carried out by process.	A. Roasting B. Forth floatation C. Gravity sepration D. Electrostatic separation
66	the chemical formula of chalcopryite is:	A. Cu_2S B. CuFe_2S C. CuS D. - - -

		D. FeS
67	Chalco-Pyrite is an ore of:	A. Copper B. Silver C. Iron D. Aluminium
68	Concentration is process of:	A. Mixing technique B. Separating technique C. Boiling technique D. Cooling technique
69	How many percentage blister copper is pure?	A. 95% B. 75% C. 98% D. 100%
70	On which bases froth floatation process take place?	A. Density bases B. Concentration basis C. Watting basis D. None of these
71	The impurities associated with the minerals are known as:	A. Metallurgy B. Ores C. Gangue D. Compounds
72	When NaHCO_3 is heated it forms:	A. CO_2 B. Ca(OH)_2 C. CaCO_3 D. CaO
73	Ammonia is prepared by:	A. Solvay's process B. Haber's process C. Floatation process D. Bayer's process
74	Urea is nitrogenous fertilizer. It consists of nitrogen.	A. 26.6 % B. 36.6% C. 46.6% D. 56.6%
75	How many units are in Pakistan for manufacturing of Urea.	A. 3 B. 6 C. 9 D. 12
76	Composition of carbon in kerosene oil is.	A. C_{10} - C_{12} B. C_{12} - C_{12} C. C_{16} - C_{18} D. C_{30} - C_{30}
77	Composition of carbon in the diesel oil.	A. C_7 - C_{10} B. C_{10} - C_{12} C. C_{13} - C_{15} D. C_{15} - C_{18}
78	Which one is not the fraction of residual oil?	A. Paraffin wax B. Asphalt C. Fuel oil D. Coke
79	Petroleum fraction having composition C_7 to C_{10} is called	A. Petroleum gas B. Petroleum Ether C. Kerosine oil D. Gasoline or petrol
80	Petroleum fraction having composition C_5 to C_7 is.	A. Petroleum Gas B. Petroleum Ether C. Kerosine oil D. Gasoline or petrol