

PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	Which of the following gas is lightest.	A. Dihydrogen B. Helium C. Dinitrogen D. Dioxygen
2	The number of electrons involved in bonding in Lewis structure of oxalate ion is	A. 20 B. 14 C. 22 D. 18
3	Used in TV sets and sound movies to give ready response to electrical potential	A. He B. Ne C. Ar D. Kr
4	The solution of NaOH pH-10.46 contain [OH-]	A. 2.0×10^{-4} B. 4.6×10^{-4} C. 4.6×10^{-2} D. 4.6×10^{-3}
5	Which is the purest form of iron.	A. Pig iron B. Cast iron C. Wrought iron D. Steel
6	A boy accidentally splashes a few drops of conc. H_2SO_4 on his cotton shirt. A few minutes later, the splashed part blacken and holes appear. This is because the sulphuric acid.	A. Heats up the cotton so that it burns B. Dehydrates the cotton C. Causes cotton to react with oxygen of the air D. Removes the elements of water from cotton
7	The strongest acid is.	A. HNO_2 B. HNO_3 C. $H_2N_2O_2$ D. $HNOS$
8	The process in which ore is heated generally in the presence of air, at temperature below their melting points is called.	A. Calcination B. Roasting C. Fourth floatation D. besemerization
9	The bond length is measured by	A. X-ray diffraction B. Neutron diffraction C. Microwave spectroscopy D. All of above
10	Nitric acid has the property	A. <div>Nitrating</div> B. Reducing C. Redoxing D. None of above
11	Is a peroxy acid	A. H_2SO_5 B. $H_2S_2O_6$ C. H_2SO_4 D. $H_2S_2O_7$
12	Zinc oxide is.	A. A basic oxide B. An amphoteric oxide C. An acidic oxide D. A neutral oxide
13	Chlorine is used in	A. Sterilizatin of water B. Extraction of gold C. Bleaching of cotton D. All above
14	The fluoride tooth paste contains	A. SnF_2 and $Sn_2P_2O_7$ B. NaF C. CaF_2 D. None of these
		A. higher than that of the separate atoms B. Equal to that of the separate

15 When two atoms of hydrogen combine to form a molecule of hydrogen gas the energy of the molecule. atoms
C. Lower than that of the separate atoms
D. Sometimes lower and sometimes higher.

16 Colour in transition metal compounds is attributed to
A. Small sized metal ions
B. Absorption of light in UV region
C. Complete ns sub shell
D. incomplete (n-1) sub shell

17 Aluminium hydroxide is.
A. An acid
B. An amphoteric hydroxide
C. A base
D. An explosive hydroxide

18 Which element amongst the following has the highest boiling point.
A. Na
B. Mg
C. Ca
D. K

19 Acid rain effects
A. Human being
B. Crops
C. Aquatic life
D. All above

20 The only oxidation state of alkali metals in their compounds is.
A. +1
B. +2
C. -1
D. 0