

## NAT II Physical Science Chemistry

Sr	Questions	Answers Choice
1	Cyclone collector is used for minimizing	A. Radioactive pollution B. Air pollution C. Noise pollution D. Water pollution
2	Ammonia gas used directly as a fertilizer is injected into the soil at a depth of about	A. Two inches B. Three inches C. Five inches D. Six inches
3	Which of the following imparts violet colouration to non-luminous flame of Bunsen burner?	A. $\text{NaCl}$ B. $\text{BaCl}_2$ C. $\text{CaCl}_2$ D. $\text{KCl}$
4	Crystal can be classified in to ----- basic crystal habits	A. 7 B. 3 C. 14 D. 3
5	Which has maximum protein content?	A. Ground nut B. Cow milk C. Egg D. Wheat
6	Number of elements present in the fifth period of periodic table is	A. 8 B. 10 C. 18 D. 32
7	The acid used in lead storage cells is	A. Phosphoric acid B. Nitric acid C. Sulphuric acid D. Hydrochloric acid
8	If one litre of air is passed repeatedly over heated copper and magnesium till no further reduction in volume takes place, the volume finally obtained would be approximately	A. 800mL B. 200mL C. 10mL D. Zero
9	Bell metal is an alloy of	A. Cu, Zn and Sn B. Cu, Zn and Ni C. Cu and Zn D. Cu and Sn
10	How many kinds of space lattices are possible in a crystal?	A. 23 B. 7 C. 230 D. 14
11	The rate of a reaction that does not involves gases, does not depend upon	A. Pressure B. Temperature C. Concentration D. Catalyst
12	Which is the most volatile compound?	A. HI B. HCl C. HBr D. HF
13	Red P can be obtained from white P by	A. Heating it with a catalyst in an inert atmosphere B. Distilling it in an inert atmosphere C. Dissolving it in $\text{CS}_2$ and crystallizing D. Melting it and pouring the liquid into water
14	Which of the following is not present in RNA?	A. Uracil B. Thymine C. Ribose D. Phosphate
		A. 0.5 g of hydrogen

15	2 g of oxygen contains number of atoms equal to that in	B. 4 g of sulphur C. 7 g of nitrogen D. 2.3 g of sodium
16	What happens when $\text{CCl}_4$ is treated with $\text{AgNO}_3$ solution?	A. $\text{NO}_2$ will be evolved B. A white ppt. of $\text{AgCl}$ will form C. $\text{CCl}_4$ will dissolve in $\text{AgNO}_3$ solution D. Nothing will happen
17	Which of the following represents elements in order of increasing atomic size?	A. I, Br, Cl B. Na, Mg, C C. C, N, O D. Li, Na, K
18	Calcium acetate when dry distilled gives	A. Formaldehyde B. Acetaldehyde C. Acetone D. Acetic anhydride
19	Salol is prepared from	A. Salicylic acid and phenol B. Salicylic acid and methyl alcohol. C. Both D. None
20	Covalent compounds are soluble in	A. Polar solvents B. Non-polar solvents C. Concentrated acids D. All solvents