

## NAT II Physical Science Chemistry

| Sr | Questions   | Answers Choice   |
|----|---|--|
| 1  | Which one of the halogen acid is a liquid?  | A. HF<br>B. HCl<br>C. HBr<br>D. HI   |
| 2  | Bromine is obtained on a commercial scale from  | A. Caliche<br>B. Carnallite<br>C. Common salt<br>D. Cryolite   |
| 3  | Dilute hydrochloric acid solution cannot be concentrated by boiling beyond                        | A. 11%<br>B. 33%<br>C. 44%<br>D. 22%   |
| 4  | Which of the following halogens does not form its oxyacids?                                       | A. F<br>B. Cl<br>C. Br<br>D. I   |
| 5  | Which is the most volatile compound?  | A. HI<br>B. HCl<br>C. HBr<br>D. HF   |
| 6  | Sea weeds are important source of   | A. Iron<br>B. Chlorine<br>C. Iodine<br>D. Bromine  |
| 7  | When sulphur is boiled with $\text{Na}_2\text{SO}_3$ solution, the compound formed is             | A. sodium sulphides<br>B. Sodiums sulphates<br>C. Sodium persulphate<br>D. Sodium thiosulphate             |
| 8  | Oleum is  | A. Castor oil<br>B. Oil of vitriol<br>C. Fuming of $\text{H}_2\text{SO}_4$<br>D. None of them              |
| 9  | The number of unpaired electrons in the p-subshell of oxygen atom                                 | A. 1<br>B. 2<br>C. 3<br>D. 4   |
| 10 | Ozone is not  | A. An allotrope<br>B. A powerful oxidizing agent<br>C. Paramagnetic<br>D. a bent molecule                  |
| 11 | Which of the following is acidic?   | A. $\text{SO}_3$<br>B. $\text{N}_2\text{O}$<br>C. BeO<br>D. HgO  |
| 12 | Which of the following oxides is peroxide?  | A. $\text{Na}_2\text{O}_2$<br>B. $\text{MnO}_2$<br>C. BaO<br>D. $\text{SO}_2$                              |
| 13 | Bond angle is minimum for   | A. $\text{H}_2\text{O}$<br>B. $\text{H}_2\text{S}$<br>C. $\text{H}_2\text{Se}$<br>D. $\text{H}_2\text{Te}$ |
| 14 | Hypo is used to photography for   | A. Developing picture<br>B. Picture printed<br>C. The colour of picture<br>D. The fixation of picture      |
| 15 | A solution of silver nitrate is added to a solution of sodium chloride. The precipitate formed is | A. Dissolving out unreacted silver bromide<br>B. Converting silver halides to metallic silver              |

