

NAT I Engineering Chemistry

Sr	Questions	Answers Choice
1	The spectrum of helium is expected to be similar to that of	A. H B. Li ⁺ C. Na D. He ⁺
2	The last orbit of argon would have electrons	A. 8 B. 18 C. 2 D. 6
3	Which of the following has greatest reducing power?	A. HI B. HBr C. HCl D. H ₂
4	Which of the following belongs to the halogen family?	A. Francium B. Polonium C. Radium D. Astatine
5	Fluorine does not show positive oxidation states due to the absence of	A. d-orbitals B. s-orbitals C. p-orbitals D. None
6	Which one of the halogen acid is a liquid?	A. HF B. HCl C. HBr D. HI
7	Bromine is obtained on a commercial scale from	A. Caliche B. Carnallite C. Common salt D. Cryolite
8	Dilute hydrochloric acid solution cannot be concentrated by boiling beyond	A. 11% B. 33% C. 44% D. 22%
9	Mark the smallest atom	A. F B. Cl C. Br D. I
10	Which of the following halogens does not form its oxyacids?	A. Fluorine B. Chlorine C. Bromine D. Iodine