

## NAT II Physical Science Chemistry

| Sr | Questions  | Answers Choice  |
|----|--|---|
| 1  | How many moles of Helium gas occupy 22.4 L at 0°C at a atm. Pressure?              | A. 0.11<br>B. 0.90<br>C. 1.0<br>D. 1.11   |
| 2  | 1 mole of CH <sub>4</sub> contains   | A. $6.02 \times 10^{23}$ atoms of H<br>B. 4 g-atom of hydrogen<br>C. $1.81 \times 10^{23}$ molecules of CH <sub>4</sub><br>D. 3.0 g of carbon |
| 3  | Which of the following has least mass?   | A. 2 gram atom of nitrogen<br>B. $3 \times 10^{23}$ atoms of C<br>C. 1 mole of S<br>D. 7.0 g of Ag.   |
| 4  | What quantity of limestone (CaCO <sub>3</sub> ) on heating will give 56 kg of CaO? | A. 1000 kg<br>B. 56 kg<br>C. 44 kg<br>D. 100 kg   |
| 5  | The percentage of oxygen in NaOH is  | A. 40<br>B. 60<br>C. 8<br>D. 10   |