

**GOVERNMENT GENERAL DEGREE COLLEGE, CHAPRA**

**INTERNAL ASSESSMENT (2019-20)**

**SEMESTER-II**

**SUBJECT- CHEMISTRY (CHEMGT-2)**

**FULL MARKS – 15**

**Answer any five questions from the following. (5x3=15)**

1. Why melting point of NaCl is higher than that of  $\text{AlCl}_3$  ? (3)
2. What is inert pair effect? Give example. (3)
3. Why electron affinity of Cl is greater than that of F ? (3)
4. Compare basicity among hydrides of group 15 elements with reason. (3)
5. Write three postulates of kinetic theory of gases. (3)
6. Write difference between order and molecularity? (3)
7. Define lattice energy and solvation energy? (3)
8. Between  $\text{NH}_3$  and  $\text{NF}_3$  which has higher dipole moment and why? (3)