



Total No. of Questions - 21

Total No. of Printed Pages - 2

Regd.
No.

--	--	--	--	--	--	--	--	--	--

Part - III
CHEMISTRY, Paper - I
(English Version)

Time : 3 hours**Max. Marks : 60****Note :** Read the following instructions carefully.

- 1) Answer **all** questions of Section 'A'. Answer **any six** questions in Section 'B' and **any two** questions in Section 'C'.
- 2) In Section 'A', questions from Sr. Nos. 1 to 10 are of "**Very short answer type**". Each question carries **two** marks. Every answer may be limited to **2** or **3** sentences. Answer all these questions at one place in the same order.
- 3) In Section 'B', questions from Sr. Nos. 11 to 18 are of "**Short answer type**". Each question carries **four** marks. Every answer may be limited to **75** words.
- 4) In Section 'C', questions from Sr. Nos. 19 to 21 are of "**Long answer type**". Each question carries **eight** marks. Every answer may be limited to **300** words.
- 5) Draw labelled diagrams **wherever necessary** for questions in Section 'B' and 'C'.

SECTION A**10 × 2 = 20****Note :** Answer **all** questions.

1. Define TLV.
2. Why is CO poisonous?
3. Write the preparation of plaster of Paris.
4. State the law of mass action.
5. What is disproportionation reaction?
6. Why is KO_2 paramagnetic?
7. Calculate the ratio of kinetic energies of 3 gms of hydrogen and 4 gms of oxygen at a given temperature.

