

GREENLAWNS HIGH SCHOOL
PRELIMINARY EXAMINATION YEAR 2018

SUBJECT : CHEMISTRY PRACTICALS
TIME : 1 HOUR

CLASS : X
MARKS : 20

Answers to this paper must be written on the paper provided separately. You are not allowed to write during the first 10 minutes. This time is to be spent in reading the question paper.

All equations must be balanced.

Question 1 $ZnCO_3$

Take a small quantity of salt A and add hydrochloric acid to it. [5]

- Write your observations
- Identify the gas produced.
- Using the flame test, identify the cation in the salt. Give a reason for your answer
- Write an equation for the reaction in 1a.

Question 2. $Pb(NO_3)_2$

Take a small quantity of salt B and heat it strongly [4]

- Write your observations
- Identify the gas produced
- Write an equation for the above reaction

Question 3 [4]

Take a small quantity of solution C and solution D in separate test tubes. Add sodium hydroxide to each of them a first a few drops and then in excess. Write your observations and identify the cation in each case.

Question 4. PbO_2 [4]

Take salt E in a test tube and add a small quantity of concentrated hydrochloric acid to it.

- Write your observation
- Identify the gas produced
- Write an equation for the above reaction.

Question 5. Zn

Take a small quantity of F and add dilute hydrochloric acid. [3]

- Write your observation
- Identify the gas produced
- Write an equation for the reaction.