

CHEMISTRY.

C. J. FAGAN, M.B., Examiner.

1. Give percentage composition of atmospheric air.
 - (a) By weight.
 - (b) By volume. And give a simple test for indicating an excess of CO_2 in an ill-ventilated room.
 2. (a) Give the difference between hard and soft water.
 - (b) And give equation shewing how hard water is changed by boiling.
 3. How is hydrogen prepared? Give some of its properties.
 4. What is meant
 - (a) By chemical change?
 - (b) By physical change? Give examples of each.
 5. Describe fully and minutely Marsh's test for arsenic, and give equations shewing principle on which it is based.
- 