buried in Highgate Cemetery, attended to the grave by a few old friends and attached pupils, among whom was his friend and former companion in travel, Dr Chuckerbutty, who was then in England, and two months later was destined to follow his venerated master.

Dr Grant was never married; he knew of no surviving relative. Three of his brothers, whose deaths he had recorded, were military officers. Of these, James, a lieutenant in the German Legion, fell at the siege of Badajoz in 1811; Alexander, captain in the Madras Engineers, died in the Burmese War in 1825; and Francis, captain in the Madras army, as already mentioned, died at Edinburgh in 1852.

By his will Dr Grant bequeathed the whole of his property, including his collections and library, to University College, in the service of which he had spent the greater part of his life, and to the principles of which he was sincerely attached.

2. An Illustration of the relative Rates of Diffusion of Salts in Solution. By Professor Crum Brown.

3. On the Oscillation of a System of Bodies with rotating Portions. By Sir William Thomson.

4. Laboratory Notes. By Prof. Tait.

a. On the Application of Sir W. Thomson's Dead-Beat Arrangement to Chemical Balances.

A considerable amount of time is lost in making an accurate weighing on account of the slowness of oscillation of the balance when the loads are nearly equal; and this loss of time is nearly proportional to the delicacy or sensitiveness of the balance. Hence it becomes a matter of importance to endeavour to bring the balance speedily to rest without, if possible, impairing its sensitiveness; as thus much time and labour would be saved in weighing. Several methods of applying gaseous friction for this purpose have been tried by me of late. By far the most successful consists in suspending from the beam, either within or beyond the scale-pans,