

there are four chambers—the right ventricle and the right auricle, the left ventricle and the left auricle.

The walls on the left side are much thicker than those on the right, as you will presently realize how much more work the left side has to do than the right. The right side is for the reception of venous blood prior to its going to the lungs for purification, and the left side receives the purified blood from the lungs previous to its being distributed to the body generally. Each auricle communicates with the ventricle on the same side; but the two auricles do not communicate with each other, neither do the two ventricles. The heart is lined by a thin membrane which is reflected so as to form valves, and between each auricle and ventricle there is a valve, the auriculo-ventricular valve, that on the right side being called the Tricuspid valve, and that on the left the Mitral valve; the former consists of three cusps, and the latter of two cusps which resemble a bishop's mitre, hence their respective names. A large blood vessel leaves each ventricle; the one which leaves the right ventricle is called the Pulmonary artery, and the Aorta is the name given to the corresponding one on the left side. At the root of each of these vessels exist a valve, in each case composed of three cusps, each cusp being shaped like a half-moon, and they are therefore called semilunar valves; but to distinguish them from each other, we prefix the name of the blood vessel; thus we have the Aortic semilunar valve and the Pulmonary semilunar valve, and for convenience the word semilunar is not used, and, therefore, we call them the Aortic valve and the Pulmonary valve. The use of the valves in the heart is to cause the blood to flow in one constant direction, and in my next lecture I shall explain how they subserve this purpose.

(To be continued.)

Royal British Nurses' Association.

(Incorporated by Royal Charter.)



MOST kind response has hitherto been accorded to all applications for assistance towards ensuring the complete success of the Nurses' Bazaar. The beautiful rooms at the Grafton Galleries have been secured for the 6th, 7th and 8th of December, the central position and conveniences of which, added to the requisite fittings and decorations, will add very substantial attractions to the Bazaar itself.

The Autumn Session of Educational Lectures to be delivered at 17, Old Cavendish Street, W., and which

are under the immediate patronage of Her Royal Highness Princess Christian the President, are now finally settled to take place on the following dates and times:—

Elementary Anatomy.—Twelve Lectures by W. J. Walsham, F.R.C.S., on Tuesdays, commencing October 2nd, at 4.30 p.m.

Physiology.—Twelve Lectures by A. Schofield, M.D., on Wednesdays, commencing October 3rd, at 4 p.m.

Hygiene.—Twelve Lectures by Louis C. Parkes, M.D., D.P.H., M.O.H. Chelsea, on Thursdays, commencing October 4th, at 4.30 p.m.

Practical Nursing.—Twelve Lectures by Miss Isla Stewart (Matron of St. Bartholomew's Hospital), on Mondays, commencing October 1st, at 4 p.m.

Ward Management and Domestic Economy.—Six Lectures by Miss de Pledge (Matron of the Chelsea Infirmary), on alternate Fridays, commencing October 12th, at 4 p.m.

Terms:—For the Complete Educational Course, £8 8s.; for One Course of Lectures, £2 2s.; for a Single Lecture, 5s. For Members and those engaged in practical nursing, Half Fees.

At the close of each Course an Examination will be held, and certificates granted. H.R.H. Princess Christian has graciously signified her intention of bestowing a prize on the Nurse who, after having attended the lectures and examination, shall show herself most proficient in the subject of Practical Nursing.

A hard-working District Nurse would be glad to take a few months' rest if she could meanwhile take charge of a delicate or crippled child, or be provided with a supply of needlework, in which she excels, and which she would execute at moderate charges. The Secretary, 17, Old Cavendish Street, will be happy to furnish further particulars.

The attention of all Members is again most earnestly called to the case of Miss Van der Ben, who must have had at least 1,000 fresh votes secured on her behalf if she is to be successful at the November election. Will members kindly inform any friends possessing votes for the Royal Hospital for Incurables that cards and all information concerning Miss Maria Van der Ben's deserving case can be obtained from this office.

At the meeting of the Executive Committee held on Friday, July 6th, it was decided that as the fee of 10/6 hitherto charged does not cover the cost of maintaining the Register of Trained Nurses, the fee for Registration shall, on and after the 1st of January next, be £1 1s.

ALICE RAVENHILL,
Secretary of the Corporation.

SANITARY SURVEYS.—Fee for Inspection and Report in London, two guineas. The Sanitary Engineering and Ventilation Company, 65, Victoria Street, Westminster.

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