

RADIO

SERVICEMAN'S **EXAMINATION**

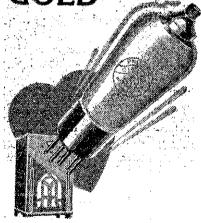
Governing regulations say that all Radio men must be fully qualified. To ensure this the Radio Serviceman's Examination has been inaugurated, which calls for an exact knowledge of radio principles and a correct diagnosis of radio troubles. Can you face the examination paper without being afraid of the results? Write to Mr. B. C. Johnson, A.M.I.R. Johnson's Wireless and Radio College, 8-10 Brandon St. Wellington, or Phone No. 42-468 about his various courses of instruction in Radio, especially the Radio Serviceman's course.

JOHNSON'S Wireless and Radio College

WELLINGTON.

(3) . ①

A HEART OF GOLD



BENEATH the gold spraying of each valve in the Golden Range is a Heart of Gold also—because of the amazing performance of which it is capable.

The golden coating is a special process which is responsible for the fine degree of consistency—an outstanding advantage of the new types.

To be truly modern, the 1933 receiver must have the benefit of these new valves, which mean maximum performance for each valve socket.

	•	
E443 H	***********	17/6
E448N E444	***********	20/
E145	*************	17/6
E452T	************	17/6
E455		17/6 17/6
1561	**************	13/6

PHILIPS

GOLDEN SERIES Advt. of Philips Lamps (N.Z.), Ltd., Head Office: 286-288 Wakefield St., Wellington.

Splendid Orchestral Concert Next Week From 3YA

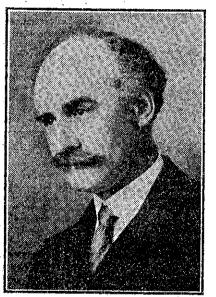
Mr. Alfred Bunz To Lead Orchestra In Several Famous Numbers.

(Special to the "Radio Record.")

There will be a splendid programme of orchestral music presented from 3YA on Tuesday evening, August 22, by the Christchurch Orchestral Society. This society has an active performing membership of 60 players, and is conducted by Mr. Alfred J. Bunz, one of the city's leading musicians. programme is one that will appeal to all classes of music-lovers by its variation and because most of the numbers have been heard over the air on numerous occasions.

Mr. Bunz is a painstaking conductor, and one who is perfectly with his orchestra.

Wagner's overture to "Tannhauser" is one that will give the players full scope for much artistic work. one of the most popular of the composer's works. He gave to it the proportions of a great symphonic work. The thematic material may be divided



MR. ALFRED BUNZ, photo.

into two classes, as the motives typify the spiritual or the sensual elements which come into conflict during the story. At first the opening represents the song of the pilgrims, growing louder and louder, gradually dying away. As night falls, magic apparitions are seen; a rosy mist rises and jubilant sounds reach the ears. The Venusberg music comes on the scene, and Tannhauser appears. He is answered by wild cries, until intoxicating perfumes overwhelm his senses. The music concludes with a return to the beautiful Pilgrims' Song.

Of a lighter nature is Wagner's "Idyll" from "Siegfried." It was first performed as an "aubade" in front of Wagner's home at Triebschen. work is for flute, oboe, two clarinets, one trumpet, two horns, one bassoon, and strings.

"THE UNFINISHED SYMPHONY" (Schubert) is the "piece de resistance" on the programme, and should be an interesting and enjoyable number.

M. Bourgault-Ducoudray in his book on Schubert wrote: "Why unfinished? Did not Schubert realise how he would be ministering to his own glory in completing a work so highly coloured and individual; the first of his symphonies in which he shows himself truly original?

The two existing movements and nine bars of the scherze date from the year 1822-the year in which Schubert refused the post of court organist in order to devote all his time to his creative The allegro movement is one of serene beauty, allowing for the strings and wood-wind instruments to vie with one another. In the andante the strenuous, suffering mood gives way to calmer, but sad, feelings, the violins giving it expression. As Ducondray in his analysis wrote, "We seem to be looking upon the divine types of Fra Beato Angelico."

Tschaikovsky's Concerto in B Flat Minor, op. 23, for piano and orchestra, will-see Miss Alice Hewlett at the piano. who will play the first movement, "Allegro non troppo molto maestoso.

Other orchestral numbers will be two of Sibelius's most popular works, "Valse Triste" and the popular "Finlandia." and "La Boutique Fantasque" (Rossini-Raspighi).

Mr. William Toomey will be the soloist, and his choice of songs should suit his light baritone voice. They are "Trees," "I Wept, Beloved," and "Prologue" from "I Pagliacci."

THE old story of mysterious wireless waves from far beyond the solar system has broken loose again in the American Press, for it appears that Mr. Karl Jansky has made the discovery that certain wireless waves appear to emanate from the centre of the Milky It is said that thousands of American wireless fans have started a new craze of trying to translate these mysterious waves.

TENDERS are being called for four new transmitting stations in Australia. Two are to be crected at Grafton and Townsville respectively, and will be designed for 20 kilowatts in the aerigl. Two others proposed in the aerial. Two others proposed for Sale and Launceston are to have 10 kilowatts in the aerial. In addition to these stations another six are contemplated as soon as finance will permit of specifications being drawn up