

equipment, machine shops, X-ray plants and diathermy clinics and a hundred other things all have their share of blame in interference. Except for the last, or possibly the last two named items of apparatus, there is inexpensive and convenient equipment evolved for their elimination, but at the present time these simple means of elimination are not available to the average user of electric power which interferes with the purity of broadcast reception.

HIGH frequency apparatus, such as is used in electro-medical diagnosis and treatment, has long been one of the most prolific sources of radio interference. Unlike the majority of electrical devices which create interference in their immediate locality only,

certain types set up interference which destroys reception over a large area. Curiously enough, these systems, so serious in their effect, are perhaps the most difficult of elimination. They are necessary for the health of patients. The redeeming features are that electro-medical apparatus is usually in action for only short periods of time, and that there are not many of them.

Canada has been one of the leading countries for experimentation for eliminating interference, but even there it has been found that the present best method for curing this fault is not often practicable. And it has been found, in diathermy apparatus, impracticable for medical purposes to use frequencies outside the broadcast band in a machine which is, in effect, almost identical with the obsolete

spark transmitters.

In New Zealand valuable research is being done to overcome the problem in its many phases, and in the course of time, with the expenditure of a few pounds by power users, it is certain that this department of radio knowledge will reach as high a standard of perfection as those points of transmission and reception which we have grown to expect only in perfection.

TO be forced towards the gutter gradually is far worse than being killed.—*Lt.-Col. Hutchison.*

WHAT is middle-age? Isn't it always a little farther on than that man has got?—*Lord Hewart.*

"GOLDEN HOUR" COMPETITION NO. 7

£50

MUST-BE-WON

FIRST PRIZE - £40

FOR CORRECT OR NEAREST CORRECT SOLUTION.

SECOND PRIZE - £10

FOR NEXT NEAREST SOLUTION.

INSTRUCTIONS.

To complete the puzzle:—Each picture represents **ONE WORD ONLY**, and each picture has a different word. You find these words by reading what appears alongside each picture and then refer to the picture itself. For example: Look at Picture No. 1: Alongside it you see "ONCE" and the picture represents "ALIGHT" making "Once ALIGHT". Now carry on and when you get to the last picture you will have a statement about a "FIRE" taken from a N.Z. Daily Paper. The paragraph is simple and easily followed.

When you have completed your solution write it down on one side of a sheet of paper, simply number and send the missing words—no need to write the full paragraph. Add your name and address, enclose entry fee, and post

1 ONCE	2 A ALIGHT	3 THE OLD	4 BURNED
5 AND THE WILLING	6 HELP ERS	7 WITH	8 OF WATER
9 FROM A NEARBY	10 COULD DO LITTLE TO	11 THE	12 BUT ALL ELSE WAS
13 A PIANO AND A FEW OTHER	14 WERE	15	16

GOLDEN HOUR COMPETITION No 7

FOR EXTRA-QUICK RESULT OF NO. 7 SEND
1d STAMPED SELF-ADDRESSED ENVELOPE.

no later than
Tuesday, May
14th.

In the event of a tie, the prizes will be divided, but the full £50 will, of course, be paid. One prize or share of a prize to any one competitor. Sealed solution and prize money is deposited with N.Z. TRUTH LTD. Any number of attempts can be sent in the one envelope. Results will be published in this paper on May 22nd. (If you are unable to purchase postal notes, penny stamps to the value of 1/1 for first attempt, and 6d for each additional attempt will be accepted.)

N.B.—In composing this puzzle, every effort has been made to avoid true alternatives, and it is believed that there are none. Should, however, competitors consider there are any, they are advised to submit additional entries. Test your skill in this simple puzzle to-day.

CLOSING DATE
All Entries must be
posted Not Later than
TUESDAY, MAY 14.

ADDRESS TO
"Golden Hour" Competition No. 7
P.O. BOX 1205 R,
CHRISTCHURCH C.I.

ENTRY FEE 1/-
For First Entry,
and 6d for Each
Additional Entry.

Solution Golden Hour Competition No. 6, taken from "The Sun," Christchurch, August 26, 1930. Pictures:—No. 1. OWN. 2. SHACKS. 3. PLACED. 4. IN. 5. CREEK. 6. COMPANY. 7. ERECT. 8. VILLAGES. 9. TO. 10. TERMS. 11. MEN. 12. WORK. (Note: Fill in your answers to No. 7 same as we have given this solution. See conditions above.)
FIRST PRIZE £40 DIVIDED BETWEEN:—MRS C. PATCHETT, 264 Rintoul St., WELLINGTON; M. WALKER, 173 Manchester St., CHRISTCHURCH; Each £20 for correct solution. **SECOND PRIZE £10 DIVIDED BETWEEN:**—F. Phillimore, Rima St., New Lynn; W. Roberts, 210 Greenlane Rd., Epsom; E. W. Catley, 8 Victoria St., Onehunga; W. Raines, Mayfair Theatre, Sandringham; Mrs Kennington, 23 Leeds St., Christchurch; Mrs E. Rosie, P.B., Dunedin; Miss G. Buswell, Gisborne; Mrs R. R. Boot, 58 Firth St., Hamilton; J. D. Robertson, Pukeroa, Hunterville; Mrs L. J. Blanchett, New Plymouth; Mrs J. L. Kinley, Rangiora. Each receives 1s/3 for one error. All Prizes were posted Saturday, May 4.