

spores require a heat of at least 108° C. before they are destroyed. For practical purposes, however, we need not take the latter into consideration, for experience has proved over and over again, even during severe epidemics of disease, the safety of milk that has been boiled.

Partially sterilising milk, by raising its temperature to about 190° Fahr. and then quickly cooling it (keeping it hermetically sealed until required for use), is now largely practised, and it is said to be an almost sure method of destroying any bacteria likely to have found their way into the milk.

There are various kinds of sterilisers on the market, many of which are effective, easy to manage, and inexpensive (one of the cheapest being that known as Mr. Cathcart's), but, in the absence of a proper contrivance, a home-made one of this description will do very well: a rather wide-mouthed bottle, fitted with an indiarubber cork, having a hole punched through for a small dairy thermometer. You can obtain the various articles from any chemist, and he will, if asked, punch the hole through the indiarubber cork. The bottle when filled with milk should be placed in a saucepan of water fairly hot, and then gradually brought to boiling point.

Milk is said to be "pasteurised" when it has been exposed to a temperature of 140° to 147° Fahr.; "partially sterilised" if the temperature is between 147° Fahr. and boiling point; "completely sterilised" only when it has been kept at a heat of 248° Fahr. for two hours, or 266° Fahr. for twenty minutes (Burney Yeo).

Obsolete Customs.

The question of the provision and storage of crockery and other appliances for the use of hospital patients is a difficult one. Time was when a varied array was kept in the patients' lockers, and we well remember, when we held the position of Sister at the London Hospital, now many years ago, that the locker doors were left open each morning until after the Matron's visit, so that the various items might be under observation. We think, however, that the consensus of opinion at the present day is that all articles connected with diet should be kept out of the wards. More especially is this the case with knives and forks, and any articles with which it is possible for delirious patients to do themselves bodily harm. Recently, in a London hospital, a patient committed suicide by cutting his throat with a small dinner-knife. Other similar cases are also on record, and, for this reason, as well as for their thorough sterilising and clearing, it is essential that articles of this kind should be taken to the ward kitchen after each meal. We think it well that there should be a standing rule that no knives should be kept in the patients' ward-lockers.

Our Guinea Prize.

We have pleasure in announcing that our Guinea Prize for January has been won by Miss H. A. Marriott, Matron, Eye Hospital, Birmingham.

KEY TO PUZZLES.

1. Wodderspoon's Charts. — Wood-her-spoon C-hearts.
2. "Viyella." — VI Chrome.
3. Kepler's Malt Extract. — Key P. L. E. R. — M all tea-extract.
4. Scott's Emulsion. — Scots Emu-L-on-SI.

The following competitors have also answered the questions correctly:—

- Sister Edith, The Sanatorium, Hull.
 Miss E. Richardson, Accident Inf., Hebburn-on-Tyne.
 Miss A. Miln, Nurses' Home, Middlesbro'.
 Nurse Lawrence, Kensington Infirmary, W.
 Miss E. M. Dickson, St. Margarets, Rochester.
 Miss B. Sheard, Norfolk House, Chislehurst.
 Miss L. Wills, Beaumont Street, W.
 Miss F. Batt, Castle Hill, Alton.
 "Leo," Lincoln House, Harrow.
 Miss L. Hall, Bickenhall Mansions, W.
 Miss A. Farmer, Harley Street, W.
 Miss F. Sheppard, Kent Nurs. Inst., Tunbridge Wells.
 Miss Rouse, Matron, Beacon Hill Hosp., Faversham.
 Miss A. Hindley, Great Northern Hospital, N.
 Miss C. Egan, Upper Baggott Street, Dublin.
 Miss L. Attree, Richmond Terrace, Brighton.
 Miss C. Lane, Hova Villas, Hove.
 Miss L. Sherlock, The Infirmary, Leicester.
 Nurse Eliza, North Ormsby Hospital, Middlesbro'.
 Mr. G. D. Lushington, Upper Grosvenor Road, Tunbridge Wells.
 Miss Annie Carter, Cottage Hospital, Bromley.
 Mrs. Ashton, Gate Street, Oswestry.
 Miss T. Price, Western Terrace, Torquay.
 Miss A. Teale, Bellevue Terrace, Edinburgh.
 Miss C. Jackson, St. Ursula Grove, Southsea.
 Miss A. Pollock, Cathcart Street, Greenock.
 Miss McKendry, Dublin Street, Durdalk.
 Miss P. Watson, New Cavendish Street, W.
 Miss T. Lawson, Castlebar Road, Ealing.
 Miss M. Morris, Norfolk Square, Brighton.
 Mrs. Ellis, Oxford Terrace, W.
 Sister Wilhelmina, Meath Hospital, Dublin.
 Sister Garwood, Infirmary, Kingston Hill.
 Miss C. L. Hindley, Meads Vicarage, Eastbourne.
 Miss A. L. Hair, Fairmead House, Holloway.
 Miss Jane Hair, Upper Park Road, Hampstead.

The new set of Prize Puzzles will be found on page viii.

The rules for the Guinea Prize remain the same.

The Queen and Military Nursing.

The Queen recently intimated her intention of opening the new nurses' quarters at Herbert Hospital, Woolwich, and the Borough Council there has accordingly resolved to ask Her Majesty to receive a municipal address. It is anticipated that Her Majesty will make her visit at an early date.

The nursing staff of the Herbert Hospital is to consist of a Matron (Miss Beatrice Jones), seven Sisters, twelve Staff Nurses and twenty-five orderlies of the Royal Army Medical Corps.

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