

DEPARTMENT OF SOCIAL SERVICE.
McGill University.

Examination: Public Health January 1922.
Examiner : Dr. Helen R.Y. Reid. Time : 3 hours.

1. Outline in brief the means of disposal and treatment of sewage, indicating the necessity for such work, and giving examples of methods used.
or
2. What public nuisances may and do often exist in big cities? How are they regulated? Make brief but inclusive notes on the duties and work of the Sanitary Staff of the City of Montreal. (20 minutes).

3. Of what is the body composed? What kinds of fuel do we need to keep this super-machine in good working order? Indicate factors to be considered in variation of our needs. (20 minutes)

4. Give short notes on the life cycle and habits of flies and mosquitoes.
or
5. Name ten animal parasites or carriers of disease other than fly and mosquito, and name the diseases they transfer with mode of transfer. (15 minutes).

6. What are the modern theories and modes and difficulties of local and individual quarantine and disinfection?
(15 minutes)

7. Indicate methods used for preserving foods and record dangers and diseases that may arise from the use of " bad " food. (15 minutes).

8. What contribution was made to Public Health during the Roman period. ?
or
9. What provision for care of the sick was made by the Arabians ? (15 minutes).

10. Describe some of the beneficial actions of micro-organisms. Indicate size, multiplication and movement of these bodies with date of first lens observation. By what technical means are they studied and observed today ? (15 min.)

11. Define the following terms:--Anaphylaxis. 2.protein. 3. water seal. 4. endemic. 5.pasteurization. 6.alimentary canal. 7.colostrum. 8. onset. 9. vitamine. 10. bodily resistance. 11. ingestion. 12 lymph. 13. anerobe. 14. calorie. 15.flagella. (30 min.)

N.B. Write first on questions which you can answer most easily
Be guided, but not arbitrarily by time index.