

S.6 FOODS AND NUTRITION PAPER TWO TEST

1. a) Describe the methods of heat transfer in

- i. An electric oven
- ii. Radiant reflector
- iii. Convector heater

Illustrate your answers.

b) Give other ways in which convectional currents are useful in the home.

2. a) (i) Explain how you would purify drinking water at home.

(ii) Outline the process of making soap.

b) (i) what are soap builder?

(ii) Give five soap builders and their uses.

c) Describe the action of adetergent on dirt.

3. a) Explain how a vacuum flask works?

b) Giving two examples of each of the following conversions of energy in home.

i) electrical energy into heat energy

ii) electrical energy into mechanical energy

c) Analyse the suitability of mercury and water as thermometric liquids.