

S.6 FOODS AND NUTRITION Paper 2

- 1 a) Explain how the following work
 - i) Gas oven
 - ii) Immersion water heater
 - b) State four disadvantages of using the following fuels in a home
 - i) firewood
 - ii) paraffin
 - c) Describe any 3 protective devices for users of electricity
 - d) Calculate the total cost of running the following appliances
Assuming the cost of a unit of electricity is 550/-
 - i) Liquidizer rating 1400 watts used for one and a half hours a week.
 - ii) A washing machine rating 24000 watts for 2 hours a week
 - iii) Cooker rating 2kw used for 11.2 hours a week
 - iv) Water heater rating 3kw for 30 hours a week
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- 2 a) Describe the effect of pattern in a home
 - b) Describe the advantages of smooth surfaces textured furnishings
 - c) What is the importance of colour wheel?
Explain the following terms as applied to colour?
 - i) neutral colours
 - ii) pestles
 - iii) harmony
 - iv) state the caution you should take when choosing colour scheme
 - d) i) state points to consider when deciding on lighting a room
ii) what are the dangers of loud noise?
how can you minimise it in a home?
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- 3 a) Give reasons to why the following are made from
 - i) Refrigerator tray from polystyrene
 - ii) Saucepans from aluminium
 - b) How would you care for glass bowls?
 - c) i) Explain the working mechanism of
 - a) hair driers
 - b) vacuum cleaners

ii) how is a food processor utilised in a home?

iii) suggest the precaution you would take when using a blender

d) what is fatigue and how can you minimise it in a home?

5a] Distinguish evaporation from boiling

B] Explain five applications of evaporation

C] i] differentiate reflection from refraction use illustration, give two applications of reflection

ii] how can you save on lighting?

NOTE YOU MAY USE PHYSICS NOTES.