

**HOMESCIENCE
FORM 1
OPENER EXAMINATION: TERM 2 2024**

MARKING SCHEME

Answer all questions in the spaces provided

1. Define the term Home Science. (2mks)
Is the study of household management.
2. State three ways Home Science benefits the family. (3mks)
 - a) *Planning preparing and serving nutritious meals to meet the needs of individual family members*
 - b) *Practicing safety precautions at home in the vent of injury or an illness*
 - c) *Choosing, making, caring and repairing family clothes and household articles*
 - d) *Assisting the family in keeping home clean*
 - e) *Engaging in income generating activities such as making and selling foodstuffs ,soft furnishing household articles*
3. State four career opportunities that are related to Home Science. (4mks)
 - a) *Doctor*
 - b) *Chef*
 - c) *Tailor*
 - d) *Florist*
 - e) *Interior decoraton*
 - f) *hairdressing*
4. State and explain five subject that are related to Home Science. (10mks)
 - a) *Biology-provision of balance diet,study human body*
 - b) *Chemistry-stain removal,softening water for laundry.*
 - c) *Physics-application of heat*
 - d) *Geography –determining suitable site for constructing family house*
 - e) *Mathematics-measuring ingredients*
 - f) *Microbiology-preservation of food*
5. Differentiate between plaque and tartar. (2mks)
 - a) *Plaque-food residue mixed with slaiva*
 - b) *Tartar-build up of plaque on the surface of teeth and can only be removed by a doctor.*
6. State three ways of enhancing personal appearance. (3mks)
 - a) *Taking proper care of the bdy*
 - b) *Wearing clean and appropriate clothes*
 - c) *Keeping the hair neat and well groomed*
 - d) *Using cosmetics,body creams and deodrants properly*
 - e) *Using jewellery and accessories properly.*
7. Name three types of skin. (3mks)
 - a) *Dry skin*
 - b) *Normal skin*
 - c) *Oily skin*
8. Identify three ways of preventing skin diseases. (3mks)

- a) *Avoid sharing personal personal items*
 b) *Eat diet rich in vitamins*
 c) *Bath regulary*
9. List 5 nutrients that are necessary for healthy teeth. (5mks)
 a) *Vitamin A(retinol*
 b) *Vitamin C(ascorbic acid0*
 c) *Vitamin d(chlecalciferol.*
 d) *Calcium*
 e) *Phosphorus*
 f) *Fluorine*
10. What is meant by the term adolescence. (2mks)

Adolescence is the period between childhood and adulthood.

11. Differentiate between buan and scald. (2mks)
 a) *Burn is caused by dry heat*
 b) *Scald caused by hot liquid/moist heat*
12. State five factor to determine on choice of clothes for a short plump/full figure. (5mks)
 a) *Choose clothe of one colour*
 b) *Avoid large patterned fabric;they show bulges*
 c) *Avoid bright colours*
 d) *Never wear tight fitting clothes they show bulges*
 e) *Avoid wearing belts as they break the long line.*
 f) *Avoid clothes made of fluff or bulky fabrics*
 g) *Jewellery should be very limited e.g necklaces.*
 h) *Vertical lines can be worn,they give slim look.*
13. State five changes that take place in girls during adolescence. (5mks)
 a) *They develop breast*
 b) *They grow hair on the armpits and groin*
 c) *The hips enlarge*
 d) *They start their monthly period*
 e) *They develop acne*
14. List six items that are essential in a first aid kit. (3mks)
 a) *Bandage*
 b) *Small pair of scissors*
 c) *Clinical thermometer*
 d) *Plasters*
 e) *Cotton wool*
 f) *Triangular sling*
 g) *Safety pins*
 h) *Anticeptic*
 i) *A pair of tweezers*
 j) *Petroleum jelly*
 k) *Pain killers sterile gauze*
 l) *Clean drinking water.*

15. State the cause or the name common accidents which occur at home. (5mks)

Common accidents	Cause
a	Fire
Drowning	b
Suffocation	c
d	Sharp objects
Stings	E

- a) *Burns*
- b) *Water*
- c) *Polythene bag*
- d) *Cuts*
- e) *Insects*

16. State 3 basic instructions on the use of medicine. (3mks)

- a) *Dosage*
- b) *Frequency*
- c) *Duration*
- d) *Storage*
- e) *Instruction to use*
- f) *Caution*

17. Name the two glanels found in the skin. (2mks)

- a) *Sebaceous gland*
- b) *Sweat gland*

18. Describe the procedure for laundering a white cotton handkerchief used by a person suffering from cold. (8mks)

- a) *Collect all the equipment and materials required*
- b) *Soak in cold salty water*
- c) *Wash in hot soapy water using friction method*
- d) *Rinse in hot water*
- e) *Final rinse in cold water*
- f) *Hang on a clothline and secure firmly with a peg*
- g) *Iron with a hot iron on both sides*
- h) *Air fold and store appropriately*