

OPENER EXAMINATION: TERM 1 2024
FORM 3

HOME SCIENCE: MARKING SCHEME

INSTRUCTIONS.

The paper consist of two sections A and B.

Answer all questions in the spaces provided.

1. Identify two water borne diseases. (2mks)
 - *Typhoid*
 - *Dysentery*
 - *Cholera*
 - *Bilharzia*
 - *Worm infestation*
2. List three disadvantages of woolen fibre. (3mks)
 - *Stretches and loses shape if poorly laundered.*
 - *Felts and piles if rubbed during washing*
 - *Damaged by moth in storage*
 - *Wakened by exposure to sunlight.*
3. List three points to consider when choosing shoes. (3mks)
 - *They should be attractive in colour*
 - *They should be affordable*
 - *They should be suitable for the purpose intended.*
 - *They should have a comfortable sole.*
4. Differentiate between a cover and a dish as used in food nutrition. (2mks)
 - *Cover is the space reserved for one person in the table setting for a meal.*
 - *Dish is a food prepared in a particular way as part of the meal.*
5. Explain three reasons why it is important to consider using foods in season when planning meals. (3mks)
 - *They are more available*
 - *Cheaper to buy*
 - *Fresh to provide nutrients and good flavours.*
6. Give two signs and symptoms of rickets. (2mks)
 - *Poor development of teeth*
 - *Weak bones*
 - *Knock – knees or bowlegs*
 - *Child is too slow to reach milestones, for e.g. sitting or standing*
7. Giving a reason in each case suggest the nutrients whose intake should be increased during pregnancy. (6mks)
 - *Extra iron – necessary for the foetus to be store in the body for use in the first six months after being born and also due to formation of haemogly.*
 - *Calcium – is necessary for proper formation of the foetus bones and teeth.*
 - *Protein – required for foetal growth and maintained of the mothers requirement.*
 - *Carbohydrates for proper development of foetus.*
 - *Protective food for a healthy skin of the foetus and avoid infections when the baby is born and for the mother to prevent constipation and could lead to haemorrhoids.*

8. State three causes of poor sanitation. (3mks)
- *Congestion in living areas*
 - *Poor urban planning*
 - *Ignorance*
 - *Negligence*
 - *Poor policy implantation by the local authorities*

9. Write the following abbreviation in full. (2mks)
- a) WC
 - *Water closet*
 - b) TB
 - *Tuberculosis*
 - c) HIV
 - *Human immunodeficiency virus*
 - d) AIDs
 - *Acquired immune deficiency syndrome*

10. State three qualities of a good clothes line. (3mks)
- *Easy to keep clean*
 - *Smooth to avoid staining clothes*
 - *Strong enough to hold the clothes*
 - *Firmly fixed to avoid falling the clothes*
 - *Resist all weather conditions*
 - *Should be atleast 1 ½ metres above the ground.*

11. State the purpose of the sewing equipment in the following table. (5mks)

Sewing equipment	Purpose
Pins	<ul style="list-style-type: none"> • <i>Holds pieces of fabric together before tacking</i>
Tape measure	<ul style="list-style-type: none"> • <i>Taking body measurements</i>
Tracing wheel	<ul style="list-style-type: none"> • <i>Transferring pattern markings with dress makers carbon</i>
Thimble	<ul style="list-style-type: none"> • <i>Protects the middle finger</i>
Bodkin	<ul style="list-style-type: none"> • <i>Threading elastic, cords, tapes and ribbons.</i>

12. Explain two effects of lack of vitamin B₂ in body. (2mks)
- *Premature ageing*
 - *Loss of weight*
 - *General body weakness*
 - *Poor skin especially around the mouth area cracking of lips.*
 - *Itching and scaring of skin.*

13. What does daily cleaning involve? (1mk)

- *It involves the removal of loose dirt and it is done everyday.*

14. State two factors when setting a table for meals. (2mks)

- *Number of people eating the meal*
- *Number of courses in the meal*
- *Cutlery and crockery required*

15. State four ways through which safe parenthood is achieved. (4mks)

- *Meeting the nutritional needs of the mother*
- *Social preparation of the expectant mother psychological preparation of the expectant mother.*
- *Voluntary counseling and testing (VCT) of HIV of the parents.*
- *Correct age.*

16. List five methods of neatening an open seam. (5mks)

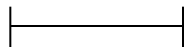
- *Edge stitching*
- *Loop stitching*
- *Machine zigzag*
- *Pinking*
- *Over lock*
- *Overcasting*

17. Draw care labels and indicate the following: (2mks)

- a) Tumble dry



- b) Position of buttonhole



Section B (20mks)

Answer all question.

18. You are planning to host small children who will attend your younger brothers birthday part.

- a) Giving reasons outline the procedure you will use to through clean a plastic table to be used by the children. (6mks)

Plastic table

- *Collect all the equipments and materials required wash in hot soapy water to remove fixed dirt using a soft cloth or sponge to prevent scratching.*
- *Rinse thoroughly in hot water to remove traces of soap.*
- *Dry completely and rub or buff with a soft cloth to shine.*
- *Store appropriately.*

- b) Outline the steps to follow when laundering your brother's a crylic socks. (9mks)

Acrylic socks

- *Collect all the equipments and materials required.*

- *Soak in cold water for a short time.*
- *Wash in warm soapy water using kneading and squeezing method.*
- *Rinse thoroughly in warm water*
- *Final rinse in cold water to freshen*
- *Add fabric conditioner in the final rinsing waters.*
- *Drip dry under shape and secure with pegs by the toes.*
- *Press using a warm iron*
- *Air to dry completely.*
- *Store appropriately.*

c) Outline the procedure to follow when cleaning a plain wooden chopping board that you will use.
(5mks)

- *Collect all the equipment and materials required.*
- *Clean with warm soapy water and a scouring pad to scrub the surface.*
- *Rinse thoroughly in warm water.*
- *Final rinse in cold water*
- *Wipe with a dry cloth*
- *Leave in a warm dirty place to dry completely.*
- *Store appropriately*

