

MARKING SCHEME

HOME SCIENCE

LAINAKU PRE-MOCK MARCH/APRIL 2015

1.
 - Wearing clean and fitting clothes appropriate to figure.
 - Good grooming (hand, body ,feet)
 - Taking care of the body- healthy teeth and skin
 - Use of appropriate jewellery
 - Use of appropriate cosmetics.

(1×3) (3mks)
2.
 - Clean properly after use.
 - Do not allow food particles and oil into the sink
 - Run clean water through the sink after cleaning- to ensure the u-bend is clean
 - Pour a little disinfectant into the sink regularly- to kill germs
 - Incase of blockage, remove any food particles which may cause blockage. Fill the bottom with --
 - water and then use a rubber plunger to dislodge the blockage.

(1×3) 3mks
3.
 - a) A cover- Refers to all the items i.e. table appointments that are placed on the table for use by one person.
 - b) An accompaniment- Refers to kind of food in a meal served and eaten together with another food to improve the suitability e.g. Tomato sauce served with potato chips.
 - c) A meal- Food/ nourishment/ dishes prepared to be eaten at a particular time of the day e.g. breakfast.

1×3 (3mks)
4.
 - Production of sebum which keeps the skin supple.
 - Produces sebum which makes the skin waterproof.

1×2 (2mks)
5.
 - Meeting the nutritional needs of a mother
 - Social preparation of the expectant mother
 - Psychological preparation of the mother.

1×3 (3mks)
6.
 - i) Dizziness- Lack of adequate iron in the blood/ anemia
 - ii) Constipation- lack of proper digestion

-Lack of proper bowel movement during pregnancy.
7.
 - Ensure stale air is replaced by fresh air.
 - Allow elimination of carbon dioxide and cooking smells and heat from the house

- Prevent stuffiness from a room by getting rid of uncomfortable environment caused by humidity and excess heat
 - Help remove body odors by constant circulation of fresh air.
 - To comply with building regulations for health purposes.
- 1×3 (3mks)

8.

- Blown-up tins e.g. jam tins, meat which is canned
 - Less quantity sold than expected
 - Selling expired products
 - Un-labeled product containers.
- 1×3 (3mks)

9.

- Vaccines give protection against dangerous diseases which are likely to occur during childhood.
 - Saves money that would have been spent on medical services.
 - Prevents physical, emotional, mental agony and stability.
 - Eliminates diseases common in childhood e.g. measles
 - Helps the nation to have healthy citizens.
- 1×3 (3mks)

10.

- The way of life
- Services available
- Availability of fuel
- Cost of the fuel

11.

- Wear- Thinning or weakening of a section of the garment or household article.
- Tear- A hole found on any part of garment or household article.

12.

- Come in a variety of beautiful colours.
- Are inexpensive to buy/ affordable.
- Are rust- free/ do not stain garments
- Are light in weight/ easy to carry.

13.

- Complementary-Giving additional nutrients through a provision of vitamin C and D to increase required nutritional needs.
 - Weaning- To accustom the child gradually to the full adult diet before taking off breast milk.
- 1×2 (2mks)

14. Plans

- One wall
- U shaped
- Corridor

Area

- Washing up area
- Cooking area
- Storage area

15.

- Maximum use of light.
- Use light-coloured surfaces of ceiling and walls to reflect and distribute light efficiently.
- Use only the necessary wattage.
- Switch off lights that are not in use even a while.
- Choose lighting for each particular area and activity.

1×2 (2mks)

16.

- Hemming stitches
 - Bias binding
 - Facing
 - Cuff
- $\frac{1}{2} \times 4$ (2mks)

SECTION B

17.

- a) Laundering a white cotton bed sheet
- Wear gloves to prevent contracting the disease
 - Soak in clean disinfectant water to kill germs
 - Wring out the soaking water to get rid of dirt and disinfectant.
 - Wash with hot detergent water using friction method to remove dirt and detergent
 - Rinse thoroughly with hot water to get rid of detergent
 - Boil to kill germs
 - Rinse in hot water, final rinse in cold water to freshen the sheet
 - Wring out as much water as possible to facilitate easy drying.
 - Dry on a drying line. Hang with the warp.
 - Secure with pegs one day in the sun to kill germs and bleach and to facilitate drying.
 - Dampen the sheet using warm water for easy removal of the creases and prevent scorching.
 - Iron using a hot iron to remove creases and complete drying before storage.
 - Fold properly before storage to facilitate storage.
- 1mk for each well-explained point. (1×15) 15mks

b) Cleaning a plastic basin

- Wear gloves to prevent contracting the disease
 - Use a cloth or soft brush dipped in warm detergent water to remove dirt.
 - Rinse with warm water thoroughly to make it clean
 - Rinse a second time in cold water to freshen
 - Dry with a cloth. Leave to air, away from the sun.
- (well explained 1×5) 5mks

SECTION C

18.

a)

- Dry completely after threshing to get rid of moisture which leads to contamination by aflatoxins if stored while damp.
- Dry on a clean mat to avoid contamination from germs present on the soil.
- After drying, put in a dry clean sacks after adding pesticides to avoid attack by weevils

- Keep in a store/ granary which is dry, clean and protected from pests e.g. rats
(2×4) 8mks
- b) -Facing- Piece of fabric used to finish the edges of a garment e.g. collar, skirt
-Interfacings- Material applied on the underside of some garments sections e.g. collar, skirt band to make it firm and retain shape.
1×2mks
- c) -Fabric for patching should match that of the garment in color, age and fibre content.
-When complete, the patch must be inconspicuous unless a decorative effect is needed.
-The shape of the patch should correspond to that of the hole/ worn-out area for neatness.
-The patch must match the grain of the garment for alignment and straightness.
-Should lie flat- to avoid bulkiness.
(1×4) 4mks
- d) -Balanced- provide enough energy for play and growth.
-Soft and easy to digest- Baby's digestive system is still developing.
-Free from germs and other contaminants
-Easy to prepare- Save time and energy so as to prepare on demand.
-Easily available – local foods are cheaper and have adequate nutrients.
(well explained 2×3) 6mks

19.

- a)
 - Crown properly matched with shoulder seam to hang well.
 - Seams- match and cross where they meet under the arm, side seams- to obtain good balance.
 - Cap smoothly bound- enhance appearance.
 - Fullness- Evenly disposed and well done- for balance and good appearance.
 - Stitches- firm and neat.- Stitches of good quality for strength and appearance
 - Armhole- seam- smooth and strong for strength.
 - Sleeve seam-(armhole)-Trimmed evenly to reduce bulkiness.
 - Shape and size- Equal and same on both sides of sleeve
(well explained 1×2) 6mks
- b) Put food in a tightly closed container or plastic bowl then dip in a pan/pot of water
 - Never allow food to come into contact with water that produces the steam- cover food
 - Steam must be produced constantly without evaporation.- so as not to burn food and container.
 - Always add hot water bath –maintain temperature.
(well explained 1×2) 4mks
- c) -Clean surface before cutting –exposed cut surface leads to loss of water soluble nutrients in the cleaning water.
-Use a sharp knife- blunt one crushes and bruises vegetable fibres leading to increased loss of nutrients.
-Avoid over-shredding – Leads to increased loss of nutrients.
(well explained 1×2) 6mks
- d) -Physical play- exercises different parts of the body muscles e.g. running, jumping e.t.c.

- Manipulative play-Enables the child to use upper limbs e.g. playing with sand, water, soil, seeds e.t.c
 - Creative play- Helps the child express self through painting, coloring, modeling, paper cutting e.t.c
 - Imaginative play – help children to act out their feelings and fantasies of pretending to be father, mother, teacher e.t.c.
- (well expl 1×4) 4mks

20.

- a) Room should be comfortable i.e. cleaned, warm
- Well groomed-kept hair, nail
 - Seek medical attention if any deterioration is noticed
 - Keep him/ her busy- avoid boredom
 - Talk with the patient- keep them company once in a while
 - Keep visitor to the minimum to allow rest
 - Provide with a lot of fresh drinks and water
 - Ensure privacy when helping to deal with excretion
 - Serve freshly and hygienically prepared food
 - Prevent bed sores if bed ridden
 - Reassure and encourage where possible
 - Meet request where possible
 - Maintain high hygienic measures to prevent spread and occurrence of disease
 - Keep company when eating
 - Provide/allow spiritual growth if required
- (well highlighted 1×6) 6mks
- b) -Secure stitches at the beginning and the end of the stitching line for fullness and strength
- Density- Should be correct to appear neat
 - Neat stitches- to enhance appearance
 - Spacing stitches done evenly for neatness
 - Length of stitches- Equal for neatness
 - Strong thread- Withstand frequent wash
- (well explained 1×4) 8mks
- c) -Strong –to avoid breaking when sewing
- Colour- Match fabric except when decorating for neatness
 - Texture- Must match that of fabric for uniformity
 - Fastness- should be colour fast not to fade
 - Quality- should match the fabric in terms of fibre content.

LAINAKU JOINT EXAMINATION TRIALS

MARCH 2015

HOMESCIENCE CONFIDENTIALS.

PROVIDE THE FOLLOWING

1. Light weight cotton fabric 50cm by 90cm

2. Matching thread

LAINAKU 2015
441/2
HOMESCIENCE
MARKING SCHEME

NAME.....INDEX NO.

	AREA OF ASSESSMENT	MAX. SCORE	ACTUAL SCORE	REMARKS
1	PRESENTATION			
	<ul style="list-style-type: none"> • Work well labeled (½) • Work well pressed (½) • Label firmly fixed on single fabric (½) • Unnecessary temporary stitches removed (½) • Threads ½ mk and pins removed (½) • Made up right half (½) 	3½		
2	CUTTING OUT AND GRAIN			
	<ul style="list-style-type: none"> • Bodice front smoothly cut (½) on straight grain (½) • Bodice back smoothly cut (½) on straight grain (½) • Sleeve smoothly cut on straight grain (½) • Collar smoothly cut on straight grain (½) • Sleeve binging smoothly cut (½) on bias (½) • All pieces cut out (½) 	4½		
3	SHOULDER DART			
	<ul style="list-style-type: none"> • Straight stitchery (½) • Reinforced at the tip (½) • Correct width ½ mk and length (½) • Pressed towards CB (½) • Well pressed and flat (½) • Tapering to nothing (½) 	3½		
4	MACHINE FELL SEAM			
	(If not machine fell award zero) Joined with straight stitches (½) Seam even along the whole length (½) Seam well neatened (raw edges concealed) (1) Correct size (to within 2mm) (½) Flat on R.S and W.S (½) Fell facing back (½)	4		

5	POCKET			
	<ul style="list-style-type: none"> • Top correctly hemmed (1) • Raw edges well hidden (1) • Pocket turnings well tucked under (1) • Evenly trimmed (1) • Straight stitching and stitched close to the fold (1) • Pocket reinforced at the corner (1) • Correct positioning (½) • Correct size and shape (1) • Flatness of pocket (1) 	8½		
6	COLLAR			
	<ul style="list-style-type: none"> • Smooth outer edge of collar (1) • Trimming and snipping (1) • Collar well knife edged (1) • Correct shape and size ½ • Flatness of collar (1) • Correctly positioned (1) • Collar in line with CB and CF (1) • Collar sandwiched between facing and garment (1) • Smooth neckline (1) 	8½		
7	NEATENING OF FREE EDGE OF FACING			
	<ul style="list-style-type: none"> • Attaching of back and front facing at the shoulder (½) • Straight stitchery (½) • Stitched close to the fold flatness (½) 	1½		
8	SLEEVE – Preparation			
	<ul style="list-style-type: none"> • Well worked gathers (½) • Easing on sleeve crown well distributed (1) • Inverted pleat 12.5cm (if not inverted award zero) well worked (1) • Correct size of pleat (½) • Flatness of the pleat (½) <p><u>Attachment</u></p> <ul style="list-style-type: none"> • Under arm seam matching with side seam (to within 2mm) (½) • Seam opened and flat (½) • Good hang (½) • Smooth stitchery around the sleeve (½) 	3½	2	

	<p><u>Sleeve binding</u></p> <ul style="list-style-type: none"> • Straight stitchery(½) • Well trimmed (½) • Seam matching with underarm seam to within 2mm (½) • Flatness of binding (½) 	2		
9.	NEATENED OPEN SEAM – Side seam			
	<ul style="list-style-type: none"> • Straight even stitchery (½) • Seam pressed open (½) • Even width (½) • edge stitching close to the fold (½) • Seam flat on R.S and W.S (½) • Correct size of seam (½) 	3		
	TOTAL	45		

LAINAKU PREMOCK JOINT EVALUATION 2015

HOME SCIENCE PAPER 3 (441/3) MARKING SCHEME

NAME _____ CLASS _____ ADM.NO. _____

EXAMINER _____ DATE _____

AREAS OF ASSESSMENT	MAX SCORE	ACTUAL SCORE	REMARKS
1. PLAN			
Recipes			
Availability	1		
Correct quantities	1		
Correct choice of meal	1		
Order of work			
Availability	1		
Proper sequencing	1		
List of food stuffs and equipment			
Availability	1		
Adequacy	1		
Appropriateness	1		
Sub-total	8		
2. PREPARATION			
Correct procedure			
Appetizer/Dessert	2		
Carbohydrate dish	2		
Protein dish	2		
Vegetables (if not steamed award Zero)	2		
Drink	2		
Methods of cooking (at least two)	2		
NB: One method must be <u>steaming</u>			

Quality of results			
Appetizer/Dessert	2		
Carbohydrate dish	2		
Protein dish	2		
Vegetable dish	2		
Drink	2		
Sub-total	22		
3. PRESENTATION			
Utensils			
Appropriateness	1		
Cleanliness	2		
Tray service for the invalid	2		
General impression			
Use of clean well pressed table/tray cloth	2		
Centre piece	1		
Personal hygiene	2		
Food hygiene	2		
Kitchen hygiene	2		
Sub-total	14		
4.ECONOMY USE OF RESOURCES			
Water	1		
Food	1		
Fuel	1		
Materials	1		
Sub-total	4		
5.CLEARING UP			
During work	1		
After work	1		

Sub-total	2		
GRAND TOTAL=50/2	50		