

441/1

HOMESCIENCE PAPER 1

FORM 4

MID TERM II 2020

MERU CENTRAL CLUSTER EXAMINATION
KENYA CERTIFICATE OF SECONDARY EDUCATION (KCSE)

Marking Scheme

1.	<p>Uses of lemon in cooking</p> <ul style="list-style-type: none"> - Retain colour of food/to avoid discolouration - Improves nutritive value - Improves flavor/taste of food - Used as a garnish 	<p>2 x 1 = 2 marks</p>
2.	<p>Textile fibres of animal origin</p> <ul style="list-style-type: none"> - Wool - Silk - Goats hair 	<p>2 x ½ = 1 mark</p>
3.	<p>Difference between a scald and a burn</p> <ul style="list-style-type: none"> - Scald is an injury caused by moist heat/hot liquids while burn is an injury caused by dry heat/flame/hot charcoal/hot solid 	<p>1 mark</p>
4.	<p>Factors to consider when choosing sleeves for a garment</p> <ul style="list-style-type: none"> - Style of garment - Type of fabric - Wearer of the garment - Use of the garment 	<p>3 x 1 = 3 marks</p>
5.	<p>Define ventilation</p> <ul style="list-style-type: none"> - Process of introducing and circulating(1mark) fresh air into a room/house or building so as to eliminate undesirable gases and provide comfort (1mark) 	<p>2 marks</p>
6.	<p>Items in a first aid kit that may be used to manage a sprain</p> <ul style="list-style-type: none"> - Bandages - Razor blade/pair of scissors - Clip/safety pins/adhesive tape - Ointment - Pain killers 	<p>4 x ½ = 2 marks</p>
7.	<p>Vaccine a child is given at 9 months</p> <ul style="list-style-type: none"> - Measles vaccine - Yellow fever vaccine - Vitamin a capsule supplement 	<p>2 x 1 = 2 marks</p>

8.	Uses of loose covers on upholstery <ul style="list-style-type: none"> - Protect expensive upholstery from damage and dirt - They are easy and cheaper to maintain (launder) than upholstery - Improve appearance/cover ugly upholstery 	2 x 1 = 2 marks
9.	Meaning of the following terms in relation to colour <ul style="list-style-type: none"> (a) Hue – name of a colour e.g yellow green (b) Intensity – quality of brightness or dullness of a colour (c) Value – lightness or darkness of a colour 	1 mark 1 mark 1 mark
10.	Two factors that may affect a budget <ul style="list-style-type: none"> - Loss of income/increase in income - Change in personal/family goals - Lack in commitment in following the budget - inflation 	2 x 1 = 2 marks
11.	Difference between batters and dough in flour mixtures <ul style="list-style-type: none"> - Batters are of flowing consistency - Dough are stiff or dropping consistency 	1 mark
12.	Two positive effects of advertisement on the consumers <ul style="list-style-type: none"> - Consumers have a wide of goods to choose from - Informative - Entertaining - Increase demand for advertised products - Increase competition leading to production of high quality goods 	2 x 1 = 2 marks
13.	Methods of neatening seams <ul style="list-style-type: none"> - Overcasting - Machining and overcasting - Edge stitching - Loop stitching - Binding - Machine zigzag/overlock - pinking 	4 X 1 = 2 marks
14.	What is food fortification? <ul style="list-style-type: none"> - Introduction/addition of a food nutrient into a given food 	1 mark
15.	Reasons for using common salt when laundering handkerchief <ul style="list-style-type: none"> - To dissolve mucus - To disinfect - To remove any blood stains - To fix colour - Remove ink stains 	2 x 1 = 2 marks
16.	Types of play in child development <ul style="list-style-type: none"> - Physical play 	2 x 1 = 2 marks

	<ul style="list-style-type: none"> - Manipulative play - Creative play - Imaginative play 	
17.	<p>Reasons for using facings on a garment</p> <ul style="list-style-type: none"> - To neaten raw edges - To decorate garment - To provide thickness for attaching fasteners - To shape and give body where applied 	<p>2 x 1 = 2 marks</p>
18.	<p>Methods of steaming foods</p> <ul style="list-style-type: none"> - Plate method - Bowl steaming - Using steamer - Using colander 	<p>2 x 1 = 2 marks</p>
19. (a)	<p>Cleaning the window from outside to the inside</p> <ul style="list-style-type: none"> - Dirt can clearly be seen from the inside of the house 	<p>2 marks</p>
(b)	<p>Closing window and door while sweeping</p> <ul style="list-style-type: none"> - To avoid dust being blown by the wind to already swept area 	
20.	<p>Ways in which old newspapers are used during the cleaning of a house</p> <ul style="list-style-type: none"> - Lining the shelves in the kitchen store or dust bin - Wrapping dirt after sweeping - Cleaning the windows when using paraffin - Protecting working surfaces when cleaning 	<p>2 x 1 = marks</p>
21. (a)	<p>Cleaning a cemented floor</p> <ul style="list-style-type: none"> - Collect equipment and materials required ½ - Wear mask and gloves ½ - Remove light furniture ½ - Sweep the floor ½ to remove loose dirt ½ - Open windows and doors to ventilate the room ½ - Scrub ½ the floor using a hard scrubbing brush ½ and warm soapy ½ water. Use circular motion ½ overlapping ½ parts to ensure all parts are cleaned - Wipe with a clean cloth/mop ½ wrung out of warm ½ water overlapping sections and working towards the door ½ - Dry thoroughly ½ with a floor cloth/dry ½ mop re-arrange furniture ½ - Clean equipment used and store appropriately ½ 	<p>9marks</p>
(b)	<p>To wash and dry woolen socks</p> <ul style="list-style-type: none"> - Mend if necessary and wear gloves ½ - Take measurements and record - Wash in warm ½ water with mild detergent ½ which has disinfectant ½ using kneading and squeezing method ½ 	<p>6 marks</p>

<p>(c)</p>	<ul style="list-style-type: none"> - Diarrhea and constipation - Bed wetting in children <p>Factors to consider when buying a sewing machine</p> <ul style="list-style-type: none"> - Affordable price - Buy from a reliable popular model - One which is user friendly - Has an instruction manual - Should be in good working condition - Amount of sewing to be done e.g domestic or commercial - Buy one which is time and energy saving. <p>Qualities of a well constructed handmade button hole</p> <ul style="list-style-type: none"> - Button hole stitches used - Stitches evenly distributed/correct density - Correct sizes of the stitches - Well reinforced/correct stitches at the end of button hole - The button hole stitches are neat - Correct size button hole - Correctly cut i.e. horizontal or vertical 	<p>4 x 1 = 4 marks</p> <p>4 x 1 = 4 marks</p>
<p>23. (a)</p> <p>(b)</p> <p>(c)</p>	<p>Processes/methods that are not suitable when laundering loose coloured clothes</p> <ul style="list-style-type: none"> - Soaking (1) since it will remove the (1) colour - Washing for long (1) time since this will give time to remove (1) colour - Use of friction (1) method it encourages loose of colour (1) - Wringing since it will twist the colour out from the cloth - Drying under (1) the sun since the colour will fade (1) <p>Hygienic practices to observe during food storage</p> <ul style="list-style-type: none"> - Storage equipment must be kept clean (1) to avoid attracting pest and micro-organisms (1) - Containers used to hold cooked food should be free from cracks/chips (1) to avoid harbouring micro-organisms (1) - Practice the principle of first in first out (fifo) (1) to prevent food spoilage. (1) - Dry food should be stored in well ventilated (1) places free from pest to avoid food spoilage (1) - Cover/wrap food (1) before storage to avoid contamination. <p>Factors that determine the repair method to be used on household articles</p> <ul style="list-style-type: none"> - Size of the tear on the article - Weight of the article - Cleaning method of the article - Effect desired 	<p>4 x 2 = 8 marks</p> <p>2 x 4 = 8 marks</p> <p>4 x 1 = 4 marks</p>

	<ul style="list-style-type: none"> - Position of the tear - Method of fabric construction - Purpose of the article 	
24. (a)	<p>Advantages of using left over foods</p> <ul style="list-style-type: none"> - It's economical as food left over is not wasted - Saves time as food is only reheated for a short time - Saves energy as little fuel is used during reheating - Saves labour as it does not involve food preparation - Cost saving as a new meal can be produced without involving any purchases - Redishing and redressing a reheated food helps one to be creative 	<p>5 x 1 = 5 marks</p>
(b)	<p>Duties of weights and measures inspectors</p> <ul style="list-style-type: none"> - Raid shops and check weights and measurement machines used in trade - Test machines to ensure they are accurate and in good working order - Follow the trader to ensure correct usage of machines - Check machines yearly at a small fee - Check pre-packed goods to ensure they are of correct weights as marked on the packet 	<p>5 x 1 = 5 marks</p>
(c)	<p>Reasons for caring for the sick at home</p> <ul style="list-style-type: none"> - Minimize on hospital expenses - When one is not too ill to be admitted/sickness not life threatening - To nurse the aged and terminally ill within the warmth of the family - To avoid frequent visits to the hospital - Lack of enough hospital funds - To ensure continuous recovery after being discharged for hospital - To give emotional support for emotionally vulnerable patients - For a breast feeding mother to remain with the baby. - 	<p>5 x 1 = 5 marks</p>
(d)	<p>Advantages of lining a bedroom curtains</p> <ul style="list-style-type: none"> - Prolong life - Protect from sunrays - Make it heavy/add - Make it drape well - Prevent fading - To add beauty/attractive 	<p>5 x 1 = 5 marks</p>