Name……..…… Index No: ……

Candidate's Signature ……..…….. Class …….

441/1
HOME SCIENCE
PAPER 1
THEORY
JUNE/JULY 2021

TIME: 2 ½ HOURS

MOKASA EXAMINATION 2021

Kenya Certificate of Secondary Education (K.C.S.E.)

441/1
Home Science
Paper 1
2 ½ hours

INSTRUCTIONS TO CANDIDATES

- *Answer all questions in section A in the spaces provided*
- *Section B is compulsory*
- *Choose any two questions from section C*
- ***This paper consists of 14 printed pages***
- ***Do not remove any pages from this booklet.***
- ***Answer all questions in English.***
- ***Candidates should check to ascertain that all pages are printed as indicated and that no questions are missing.***

FOR EXAMINERS USE ONLY

SECTION	Question	Maximum score	Candidate's score
Section A	1-39	40	
Section B	40	20	
Section C	41-43	40	
Total score		100	

This paper consists of 14 printed pages. Check to ensure all pages are printed and that no question is missing.

1. Give two uses of fruits in cake making . (1mark)

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2. Name two types of pleats (1 mark)

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3. Name the biological raising agent used in bread making (1mark)

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4. List two methods of incorporating air into flour mechanically (1mark)

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5. Give two functions of sebum (1mark)

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6. State two ways in which a country with home scientists will benefit (1mark)

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7. Mention two minerals needed for healthy teeth (1mark)

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8. List any two ways of finishing wood (1mark)

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9. Mention two advantages of charcoal as a fuel (1mark)

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10. Define the following terms: (1mark)
    a) Fixed dirt
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    b) Fracture
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11. Identify other two causes of anaemia other than nutritional deficiency (1mark)

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12. Give two reasons for food fortification (1mark)

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13. Highlight two ways of conserving vitamin C during the storage of kales (1mark)

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14. Mention two signs and symptoms of marasmus (1mark)

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15. Write the following abbreviations in full (1mark)
    a) AIDS
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    b) TBA
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16. Give two functions of the S and U bend below every sink in the disposal of waste water from the house (1mark)

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17. Detergents are classified into two groups .Name them (1mark)

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18. Mention two rules to observe in stain removal (1mark)

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19. Name two the stain removal agents used in removing a banana sap stain from your t-shirt (1mark)

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20. Identify two methods suitable for disinfecting a kitchen towel (1mark)

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21. List two ingredients used in the making of laundry blue (1mark)

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22. Give two points to observe when taking body measurements (1mark)

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23. Name two conspicuous seams used to bring out style features in garment construction (1mark)

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24. Give two examples of stitches used to neaten raw edges (1mark)

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25. Mention two possible causes of stiches looping when sewing with a sewing machine (1 mark)

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26. List two examples of haberdashery /sewing notions in garment constuction (1mark)

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27. Give two ways you can identify elastofibres physically (1mark)

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28. Outline two examples of synthetic fibers (1mark)

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29. Differentiate between aerobic and anaerobic food spoilage (1mark)

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30. Apart from kitchen knife ,identify one other type of knife and give its function. (1mark)

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31. State two roles of advertisements (1mark)

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32. Point out two styles of food service (1mark)

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33. Outline two functions of darts in clothing and construction processes (1mark)?

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34. List two examples of basic pattern symbols and markings in garment construction (1mark)

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35. Identify suitable textile fiber for making lingerie (1mark)

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36. Mention two methods of treating water at home (1mark)

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37. Give two reasons for cleaning a house (1mark)

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38. Outline two advantages of flats/apartments type of houses (1mark)

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39. Suggest two ways of managing foreign body in the ear (1mark)

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40. Mention two dangers that arise from misuse of cosmetics (1mark)

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SECTION B (Answer all the questions)

41. You are doing thorough cleaning at home on a Saturday morning. Describe how to;

a) Clean a white washable cotton mask you had used the previous day. (8marks)
b) Sweep an earthen sitting room floor (7marks)
c) Wash a Calabash that had been used to take porridge in the morning for breakfast.(5 marks)

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SECTION C (Answer only two questions from this section.)

42.

a) Explain four factors to consider when planning meals(4marks)

b) Explain three merits of credit cards (3marks)
c) Explain four importance of immunization (4marks)
d) Describe how to make hand worked gathers (4marks)
e) State five points on the choice of brooms and brushes (5marks)

43.

a) Outline three steps in preparing a budget (3marks)
b) Give the importance of table setting (4marks)
c) Explain the importance of breastfeeding to a child (3marks)
d) Outline four qualities of a well-made stitch (4marks)
e) Explain three ways in which detergents aid in removal of dirt (6marks)

44.

a) Explain three reasons for making a shopping list prior to the actual buying (3marks)
b) Use the following dishes to organize a breakfast menu (3marks)
Tea with milk, Fried liver, Boiled arrowroot, Fresh passion juice, Wimbi porridge
c) Explain four ways of handling temper tantrums during habit training (4marks)
d) Describe how to make a plain seam on a skirt yoke (4marks)
e) Draw six care labels on drying in laundry work and explain the meaning of each (6marks)

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