Name..... Index No.....

Candidate's sign.....

Date.....

441/ 1
HOME SCIENCE
(THEORY)
Paper 1
March/April, 2017
2 ½ Hours

MOI HIGH SCHOOL - KABARAK

END OF TERM EXAMINATION

Kenya Certificate of Secondary Education

441/ 1
HOME SCIENCE
(THEORY)
Paper 1
March/April, 2017
2 ½ Hours

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Instructions to candidates

1. *Write your name and index number in the spaces provided above.*
2. *Sign and write the date of the examination in the space provided*
3. *This paper consists of three sections A, B and C.*
4. *Answer all questions in Section A and B and any TWO questions from section C*
5. *Answers to all questions must be written in this booklet*
6. *This paper consists of 10 printed pages.*
7. *Candidates should answer the questions in English.*

FOR EXAMINER'S USE ONLY

SECTION	QUESTION	MAXIMUM SCORE	CANDIDATE'S SCORE
A	1 – 40	40	
B	41a, b, c	20	
C	42	20	
	43	20	
	44	20	
	TOTAL	**100**	

SECTION A: (40 MARKS)

Attempt ALL questions in this section. Write answers in the spaces provided.

1. State **two** functions of teeth to an individual apart from tearing and cutting of food. (1 mark)

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2. Suggest **two** characteristics of a consumer (1 mark)

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3. Give **two** reasons for carrying out blood tests at the clinic for expectant mothers (1 mark)

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4. List **two** methods of removing dirt from a surface (1 mark)

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5. Name **two** suitable materials for freezing food (1 mark)

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6. State **two** points on causes of drowning in children (1 mark)

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7. Name **two** examples of collars (1 mark)

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8. Give **two** reasons why the machine double stitched seam is popularly used in children clothes (1 mark)

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9. Give **one** chemical and one biological raising agent (1 mark)

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10. Point out **two** ways of reducing bulk on seams (1 mark)

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11. State any **two** causes of heavy texture in scones (1 mark)

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12. State **two** factors that affect the budget (1 mark)

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13. Give **two** reasons why coloured cotton is not popular in making handkerchiefs (1 mark)

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14. Give **two** main categories of cooking methods. (1 mark)

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15. Give **two** uses of asbestos in textile industry (1 mark)

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16. Suggest any **two** functions of Kenya Bureau of Standards (KBS) (1 mark)

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17. Name **two** body measurements taken around the body (1 mark)

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18. Name **two** types of scissors and their respective function in needlework (1 mark)

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19. List **two** merits of using charcoal as a fuel (1 mark)

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20. State **two** factors that have made consumption of second hand clothes high. (1 mark)

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21. Suggest **two** ways of achieving good habits in a child (1 mark)

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22. State **two** methods of reinforcing thread at the end of a dart (1 mark)

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23. Outline **two** functions of Riboflavin (1 mark)

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24. Suggest **two** causes of smelly feet. (1 mark)

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25. State **two** importance of good ventilation in a room (1 mark)

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26. Give **four** examples of temporary stitches (1 mark)

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27. Suggest **two** effects of inappropriate lighting in a home (1 mark)

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28. Give **two** factors that have led to steady growth of convenient foods (1 mark)

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29. Mention **two** reasons for caring for the sick at home (1 mark)

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30. State **two** advantages of living in bungalows (1 mark)

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31. Suggest **two** limitations of clothes without care labels (1 marks)

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32. Highlight **two** points to bear in mind when mending garments (1 mark)

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33. Give **two** reasons for draining water away from a house (1 mark)

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34. Give **two** points to consider when selecting a laundry bar soap (1 mark)

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35. Suggest **two** ways of keeping the house free from flies (1 mark)

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36. Point out **two** reasons for interfacing a waistband (1 mark)

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37. Give **two** reasons for using soft furnishing in the home (1 mark)

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38. Suggest **two** reasons why cotton fabrics are popular for making school uniforms (1 mark)

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39. Name **two** nutritional disorders associated with lack of calcium in the body (1 mark)

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40. Write the abbreviation FIFO in full as used in food hygiene (1 mark)

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SECTION B: (20 MARKS)

Compulsory- Answer question 41 in the spaces provided

41. You have decided to attend to some neglected chores at home during the half term break.

a) Improvise charcoal abrasive, a suitable pad and use it to thorough clean a greasy aluminiumsufuria. (9 marks)

b) Thorough clean the kitchen table with Formica top (6 marks)

c) Launder your white silk scarf (5 marks)

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SECTION C: (40 MARKS)

Answer any TWO questions from this section in the spaces provided at the end of this section.

42. a) With the aid of clearly labelled diagrams, explain how to make a French seam on a nightdress (8 marks)

b) Explain how to remove rust stain from cottons and linens (4 marks)

c) Identify **four** negative effects of advertisement (4 marks)

d) Outline **four** special points to note when laundering Viscose Rayons (4 marks)

43. a) With aid of clearly labelled diagrams, describe how to work a single pointed dart on a skirt (8 marks)

b) Outline **four** ways of caring for a kitchen sink (4 marks)

c) Give **four** modern methods of preserving foods (4 marks)

d) Draw care label symbols which indicate the following; (4 marks)
(i) Hand wash
(ii) Drip dry
(iii) Use warm iron
(iv) Dry in the sun on a cloth line

44. a) Describe the procedure of attaching a collar with shaped facings (6 marks)

b) Define the term home science (4 marks)

c) Give **five** nutritional disorders associated with lifestyle (5 marks)

d) Identify **five** problems that may arise during pregnancy which need to be reported to the doctor (5 marks)

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