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

***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)

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 (1 mark)

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

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

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

**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)

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 …………………………….……………………………………………………………............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 …………………………….……………………………………………………………............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

………………………………………………………….………………………………..…….............................................................................................................................................................................

**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)

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............

 ………………………………………………………….………………………………............

 ………………………………………………………………………………………….............