

SMARTPASS EXAMINATION

Kenya Certificate of Secondary Education (KCSE)

MODEL ONE 2019

441/ 1 - HOME SCIENCE - Paper 1

(THEORY)

2 ½ Hours

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

Candidate's signature..... Date.....

Instructions to candidates

- (a) Write your name and index number in the spaces provided above.
- (b) Sign and write the date of examination in the spaces provided above.
- (c) This paper consists of **three** sections **A**, **B** and **C**.
- (d) Answer all the questions in section **A** and **B** and any two questions from section **C**.
- (e) Answers to all questions must be written in the spaces provided in this booklet.
- (f) This paper consists of **9** printed pages.
- (g) Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.
- (h) Candidates should answer the questions in English.

For Examiner's Use Only

Section	Question	Maximum score	Candidate's score
A	1 – 16	40	
B	17	20	
C	18-20	20 20	
	Total Score	100	

SECTION A (40 marks)

Answer all questions

1. Mention **three** advantages of taking care of the sick at home (3 marks)

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2. Name **four** nutritional disorders associated with lifestyle. (2 marks)

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3. State **two** methods of sterilizing baby's feeding equipment. (2 marks)

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4. Give **three** factors to consider when renting a family house. (3 marks)

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5. Give **three** reasons for preserving food. (3 marks)

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6. Suggest **three** points to look for when choosing a toy for a child (3 marks)

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7. Mention any **four** signs and symptoms of Diabetes mellitus. (2 marks)

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8. State **two** reasons for airing clothes after finishing. (2 marks)

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9. Mention **three** demerits of misusing cosmetics. (3 marks)

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10. Give **two** reasons for softening water for laundry work. (2 marks)

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11. Give **three** functions of a lampshade in a living room (3 marks)

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12. Mention **four** methods of neatening seams (2 marks)

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13. State **two** undesirable properties of cotton. (2 marks)

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14. Why are some household articles and clothes starched? (2 marks)

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15. Explain the action of soap as a cleaning agent. (3 marks)

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16. State **three** ways in which a lactating mother would improve supply of breast milk to her baby. (3 marks)

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SECTION C (40 marks)

Answer two questions in this Section on the foolscaps provided

18. (a) State **four** safety precautions to take when using an electric iron. (4 marks)
(b) Explain **five** possible causes of malnutrition. (10 marks)
(c) Explain briefly **three** methods of making flour mixtures light. (6 marks)
19. (a) State **five** rules to observe when working fastenings. (5 marks)
(b) Explain **five** causes of needle breaking when machine stitching. (5marks)
(c) Describe how to prepare an interfaced collar ready to attach at the neckline. (10 marks)
20. (a) Explain **three** factors to consider when planning a colour scheme for a room. (6 marks)
(b) Give **five** factors that determine the repair method to be used when mending the clothes and household articles. (5 marks)
(c) Give **four** reasons why it is advisable to deliver a baby in the hospital. (4 marks)
(d) Make one drawing and in it indicate the following pattern symbols;
Balance marks, place on fold, cutting line, seam line (5 marks)

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