### SECTION A: (40 marks)

*Answer ALL the questions in this section in the spaces provided.*

<table>
<thead>
<tr>
<th>Question</th>
<th>Points</th>
<th>Mark(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. State <strong>two</strong> functions of proteins in the body.</td>
<td></td>
<td>(2 marks)</td>
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<tr>
<td>2. Give <strong>four</strong> advantages of using a wooden spoon for cooking.</td>
<td></td>
<td>(2 marks)</td>
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<tr>
<td>3. Give <strong>four</strong> reasons for blanching vegetables.</td>
<td></td>
<td>(2 marks)</td>
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<tr>
<td>4. State <strong>four</strong> ways of minimizing fatigue while working in the kitchen.</td>
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<td>(2 marks)</td>
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<tr>
<td>5. Distinguish between garnishing and decorating food.</td>
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<td>(2 marks)</td>
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<tr>
<td>6. Define ventilation.</td>
<td></td>
<td>(1 mark)</td>
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<tr>
<td>7. State <strong>three</strong> advantages of using gas as a fuel in the home.</td>
<td></td>
<td>(3 marks)</td>
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<tr>
<td>8. State <strong>two</strong> disadvantages of concealed drainage system.</td>
<td></td>
<td>(2 marks)</td>
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<tr>
<td>9. List <strong>two</strong> sources of consumer information.</td>
<td></td>
<td>(1 mark)</td>
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<tr>
<td>10. Give the meaning of the word “counterfeit”.</td>
<td></td>
<td>(2 marks)</td>
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<tr>
<td>11. Name <strong>four</strong> vaccines a child should be given by the age of nine months.</td>
<td></td>
<td>(2 marks)</td>
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<tr>
<td>12. Identify <strong>two</strong> uses of each of the following items in first aid:</td>
<td></td>
<td>(2 marks)</td>
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<tr>
<td>(a) safety pin;</td>
<td></td>
<td></td>
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<tr>
<td>(b) cotton swab.</td>
<td></td>
<td></td>
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<tr>
<td>13. Highlight <strong>three</strong> points on the care given to a child with fever at home.</td>
<td></td>
<td>(3 marks)</td>
</tr>
<tr>
<td>14. Identify <strong>four</strong> points to consider when sorting clothes for washing.</td>
<td></td>
<td>(2 marks)</td>
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<tr>
<td>15. State <strong>two</strong> points to observe when hanging clothes in the wardrobe.</td>
<td></td>
<td>(2 marks)</td>
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<tr>
<td>16. State <strong>one</strong> factor that determines the width of a hem on a garment.</td>
<td></td>
<td>(1 mark)</td>
</tr>
<tr>
<td>17. Give <strong>two</strong> reasons for using machine fell seam on children’s garments.</td>
<td></td>
<td>(2 marks)</td>
</tr>
</tbody>
</table>
18  State three uses of interfacing in garment construction.  

19  Differentiate between a fibre and a fabric.  

20  Name the following pattern symbols.  

(a) \[ \downarrow \downarrow \]  

(b) \[ \]  

SECTION B: (20 marks)  

COMPULSORY  

Answer Question 21 in the spaces provided.  

21  Your cousin is celebrating her 17th birthday and has asked you to assist her in the preparations.  

(a)  State three factors to consider when setting a table for the invited guests.  

(b)  Outline the procedure to follow when arranging flowers for the party.  

(c)  Outline the procedure for thorough cleaning a canvas bag that she will use after the party.  

SECTION C: (40 marks)  

Answer any TWO questions from this section in the space provided after question 24.  

22  (a)  List six details found on bread wrapping.  

(b)  

(i)  State three advantages of budgeting the family income.  

(ii)  Explain two problems faced by consumers in Kenya today.  

(c)  

(i)  State two principles of food preservation.  

(ii)  Explain two disadvantages of preserving food.  

(d)  Arrange the following steps of making yeast mixtures in order: shaping, fermentation, second kneading, first proving, baking, mixing, first kneading, second proving.
23 (a) (i) List four materials suitable for finishing the floor in a living room. (2 marks)
(ii) Identify six activities that take place in a living room. (3 marks)
(b) State two functions of each of the following in relation to pregnancy: (4 marks)
(i) placenta;
(ii) amniotic fluid.
(c) Outline the procedure of caring for a household duster after use. (6 marks)
(d) Highlight five ways of enhancing personal health. (5 marks)

24 (a) Identify four methods of softening temporary hard water for laundry work. (4 marks)
(b) State four points to observe when working hand stitches. (4 marks)
(c) Highlight four qualities of a well made patch on a pillow case. (4 marks)
(d) Explain four properties of linen that make it suitable for bedsheets. (8 marks)
3.13.2 Home Science Paper 2 (441/2)

GIRL’S SKIRT
A pattern of a girl’s skirt is provided. You are advised to study the sketches, instructions and layout carefully before you begin the test.

MATERIALS PROVIDED
1 Pattern Pieces
   A – Skirt back
   B – Yoke (front)
   C – Lower skirt (front)
   D – Front waistband
   E – Back waistband
   F – Frill

2 Plain lightweight cotton fabric 56 cm long by 90 cm wide.

3 Sewing thread to match the fabric.

4 One large envelope.

THE TEST
Using the materials provided, cut out and make the left half of the girl’s skirt to show the following processes:

(a) Cutting out. (14 marks)

(b) Making of the dart at the back skirt. (6½ marks)

(c) Joining of the yoke front to the lower skirt front using an overlaid seam. Do not trim. Neaten half the seam using loop stitches. (12 marks)

(d) Attaching of the frill to the lower skirt front using a plain seam. Leave the gathering stitches and do not trim the seam allowance. (11 marks)

(e) Making of the skirt side seam from the yoke to the hemline using an open seam. (7 marks)

(f) Attaching of the front and back waistbands and holding them in place using tacking stitches. (21 marks)

(g) Making of the worked buttonhole. (12 marks)

(h) OMIT
   The management of the skirt hem.

(i) Overall presentation. (6½ marks)

At the end of the examination, firmly sew onto your work, on a single fabric, a label bearing your name and index number. Remove the needle, pins and loose threads from your work. Fold your work neatly and place it in the envelope provided. Do not put scraps of fabric in the envelope. Do not seal the envelope.
3.13.3 Home Science (Food and Nutrition) Paper 3 (441/3)

THE TEST

You have invited two of your friends for lunch. Using the ingredients listed below, prepare cook and serve a suitable one course meal for the three of you. Include a nutritious drink.

Ingredients

- Rice
- Onions
- Tomatoes
- Carrots
- Leafy vegetables in season
- Beef/ Beans
- Salt
- Sugar
- Oil/ Cooking fat
- Fruits in season
- Spice of choice

PLANNING SESSION: 30 minutes

For each task listed below use separate sheets of paper and a carbon paper to make duplicate copies then proceed as follows:

1. Identify the dishes and write their recipes.
2. Write your order of work.
3. Make a list of the foodstuff and equipment you will require.