



CANDIDATE
NAME

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CENTRE
NUMBER

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CANDIDATE
NUMBER

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0648/13

October/November 2022

2 hours

No additional materials are needed.

- Section A: answer **all** questions.
- Section B: answer **all** questions.
- Section C: answer **one** question.
- Use a black or dark blue pen. You may use an HB pencil for any diagrams or graphs.
- Write your name, centre number and candidate number in the boxes at the top of the page.
- Write your answer to each question in the space provided.
- Do **not** use an erasable pen or correction fluid.
- Do **not** write on any bar codes.

- The total mark for this paper is 100.
- The number of marks for each question or part question is shown in brackets [].

This document has **12** pages. Any blank pages are indicated.

Section A

Answer **all** questions.

You are advised to spend no longer than 45 minutes on Section A.

- 1 (a) Define the term *diet*.

..... [1]

- (b) Identify **one** food that is avoided in each of the following special diets:

- (i) coeliac

..... [1]

- (ii) lactose intolerant.

..... [1]

[Total: 3]

- 2 (a) Name **two** elements from which carbohydrate is formed.

1

2 [2]

- (b) Starchy foods such as breakfast cereals contain carbohydrate.

Name **three** other different foods that contain starch.

1

2

3 [3]

- (c) Name the substance produced by the action of the enzyme amylase on carbohydrate.

..... [1]

- (d) Name **two** other enzymes involved in the digestion of carbohydrate.

1

2 [2]

[Total: 8]

3 Green leafy vegetables such as cabbage are a good source of vitamin C.

(a) State **three** effects on the body of vitamin C deficiency.

- 1
- 2
- 3 [3]

(b) Name **four** other green leafy vegetables that are a good source of vitamin C.

- 1
- 2
- 3
- 4 [4]

(c) State and explain **four** guidelines to conserve vitamin C when preparing cabbage for cooking.

- 1
.....
- 2
.....
- 3
.....
- 4
..... [4]

[Total: 11]

4 Vegetables are a good source of non-starch polysaccharide (NSP) / dietary fibre.

(a) State **five** health benefits for adults of eating a variety of foods rich in NSP.

- 1
- 2
- 3
- 4
- 5 [5]

(b) Pulse vegetables include beans, lentils and peas.

Name **four** types of beans that could be added to a curry to increase NSP.

- 1
- 2
- 3
- 4 [4]

(c) State **three** effects on the body of eating too much NSP.

- 1
- 2
- 3 [3]

[Total: 12]

5 The disease associated with a deficiency of iron is anaemia.

(a) State **four** effects of anaemia on the body.

- 1
- 2
- 3
- 4 [4]

(b) Explain why an anaemic person needs a daily supply of vitamin C.

-
-
- [2]

[Total: 6]

Section B

Answer **all** questions.

- 6 The following ingredients can be used to make rough puff pastry.

200 g strong plain flour
150 g butter
1 tsp salt
2 tsp lemon juice
125 ml cold water

- (a) (i) Give **two** reasons why strong plain flour is used to make rough puff pastry.

1
2 [2]

- (ii) Give **two** reasons why butter is used to make rough puff pastry.

1
2 [2]

- (iii) Give **one** reason why lemon juice is used to make rough puff pastry.

..... [1]

- (b) Complete the instructions for making rough puff pastry.

1 sieve flour and salt
2
3
4
5
6
7 [6]

- (c) When baked, the pastry does not rise well.

Identify and explain **three** reasons why rough puff pastry may not rise well.

reason 1

explanation

reason 2

explanation

reason 3

explanation

[6]

- (d) Suggest **five** reasons why some people use ready-made pastry rather than making their own.

1

2

3

4

5

[5]

[Total: 22]

- 7 (a) State **four** reasons for using raising agents in cake mixtures.

1

2

3

4

[4]

- (b) State **three** gases that can cause a cake mixture to rise when it is baked.

1

2

3

[3]

- (c) Name **one** ingredient that can be added to cake mixtures as a raising agent.

..... [1]

[Total: 8]

8 Frying is a popular method of cooking fish.

(a) Name **three** different methods of frying that could be used to cook fish.

- 1
- 2
- 3 [3]

(b) Name **one** method of heat transfer used when frying fish.

..... [1]

(c) Give **three** advantages of frying as a method of cooking fish.

- 1
- 2
- 3 [3]

(d) Suggest **two** alternative methods of cooking a fillet of white fish for a convalescent.

- 1
- 2 [2]

[Total: 9]

9 State **six** guidelines, with reasons, for choosing kitchen knives.

- 1
-
- 2
-
- 3
-
- 4
-
- 5
-
- 6
-

[6]

10 Eggs are a very useful commodity to include in the preparation of meals.

- the nutritional benefits of including eggs in the diet
- guidelines that should be followed when buying **and** storing eggs.

OR

Discuss:

- the nutritional benefits of including milk in the diet
- processing of milk by pasteurisation and the effect it has on the sensory quality of the milk
- processing of milk by ultra-heat treatment (UHT) and the effect it has on the sensory quality of the milk.

[15]

This image shows a full page of white paper with horizontal dashed lines. The lines are evenly spaced and run across the width of the page, providing a guide for handwriting practice. There are no margins, text, or other markings on the page.

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