

Circular S/IF/47/19

August 2019

To: The Head of Department - Home Economics

For circulation to: All Teachers of GCE Nutrition and Food Science and The Examinations Officer

GCE Nutrition & Food Science

1) Question Paper Layout – A2

Please note that it is advisable to familiarise students with the layout of the GCE Nutrition and Food Science examination paper.

While centres can choose to teach either Option A - Food Security and Sustainability or Option B - Food Safety and Quality, there is only one examination paper printed with two separate sections for Option A and Option B.

Students should not attempt to choose a mixture of questions across the two options. They should focus solely on the option which was taught in their centre.

2) Clarification A2 2: Research Project

Word Count -

Please be advised that students are required to submit a report on a research project of their own choice. The word limit for the report is **4,000 words**, not including the appendices and referencing of secondary sources. A tolerance of +/- 10 % will be accepted (please refer to the *Teacher and Student Guidance* document on the subject microsite).

Research Area -

Students must select a research area from the current GCE Nutrition and Food Science specification (AS 1, AS 2 or A2 1). The project gives students opportunities to demonstrate appropriate knowledge, understanding and skills demanded by the process.

If **breastfeeding** is selected as a research area, it must focus solely on one of the following two learning areas:

Nutrition through life (AS 1)

- demonstrate knowledge and understanding of the specific nutritional needs and energy requirements for:
 - pre-conception, pregnancy and lactation; or

Cancer (AS 2)

- consider the possible influence of the following in the development of cancer:
 - breastfeeding;

Please turn overleaf



If alcohol is selected as a research area, it must focus solely on one of the following learning areas:

Cancer (AS 2)

- consider the possible influence of the following in the development of cancer:
 - alcohol; or

Alcohol (AS 2)

- demonstrate knowledge and understanding of the relationship between alcohol and obesity / cardiovascular disease / cancer;
- explain how alcohol consumption in pregnancy can affect the baby; and
- explain the nutritional consequences for **adult men and women** of excessive alcohol consumption, for example: fat metabolism / control of blood glucose levels / impact on vitamin K, vitamin D and B vitamins / impact on zinc and iron.

If you have any queries regarding the content of this circular, please contact:

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