

Question 1 (2 marks)

The World Happiness Report is published by the United Nations (UN) every year. It ranks countries according to their level of happiness. These rankings are based on surveys completed by citizens and specific growth and development indicators.

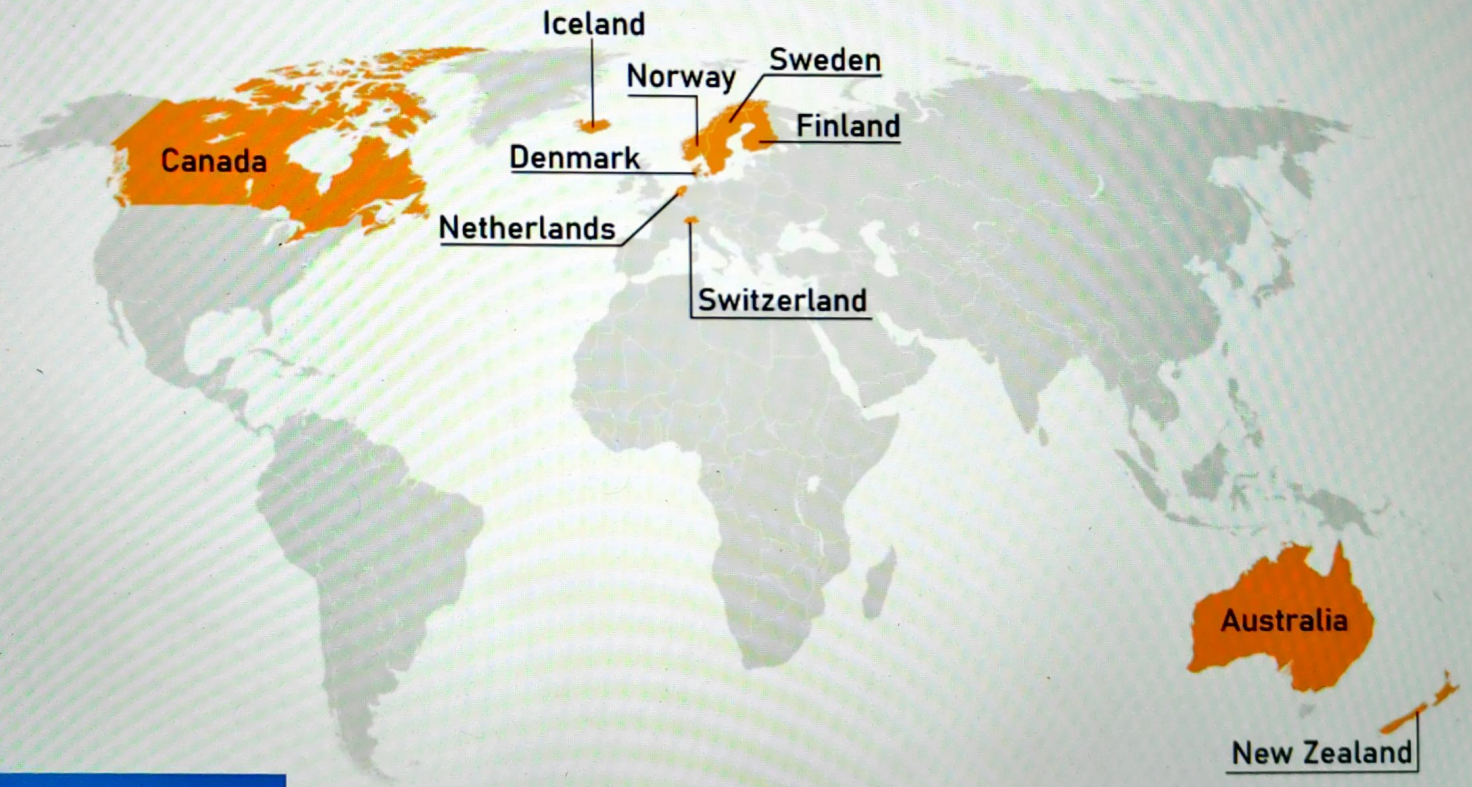
**Source A**

The map shows the ten countries with the highest Happiness Index based on the 2018 World Happiness Report.



**Source A**

The map shows the ten countries with the highest Happiness Index based on the 2018 World Happiness Report.





Question 1a (1 mark)

Using **Source A**, **select** which region of the world has the largest number of countries with the highest Happiness Index.

- America
- Africa
- Asia
- Europe
- Australasia/Oceania





Question 1b (1 mark)

State one factor that could lower a country's level of happiness.

**B** *I* | ← → | U  $x_2$   $x^e$  |  $\int$   $\sum$   $\Omega$   $\Sigma$  | Styles - |



Question 2 (4 marks)

Look at the sources below and answer the question that follows. **Source A** is repeated for information.

Source B

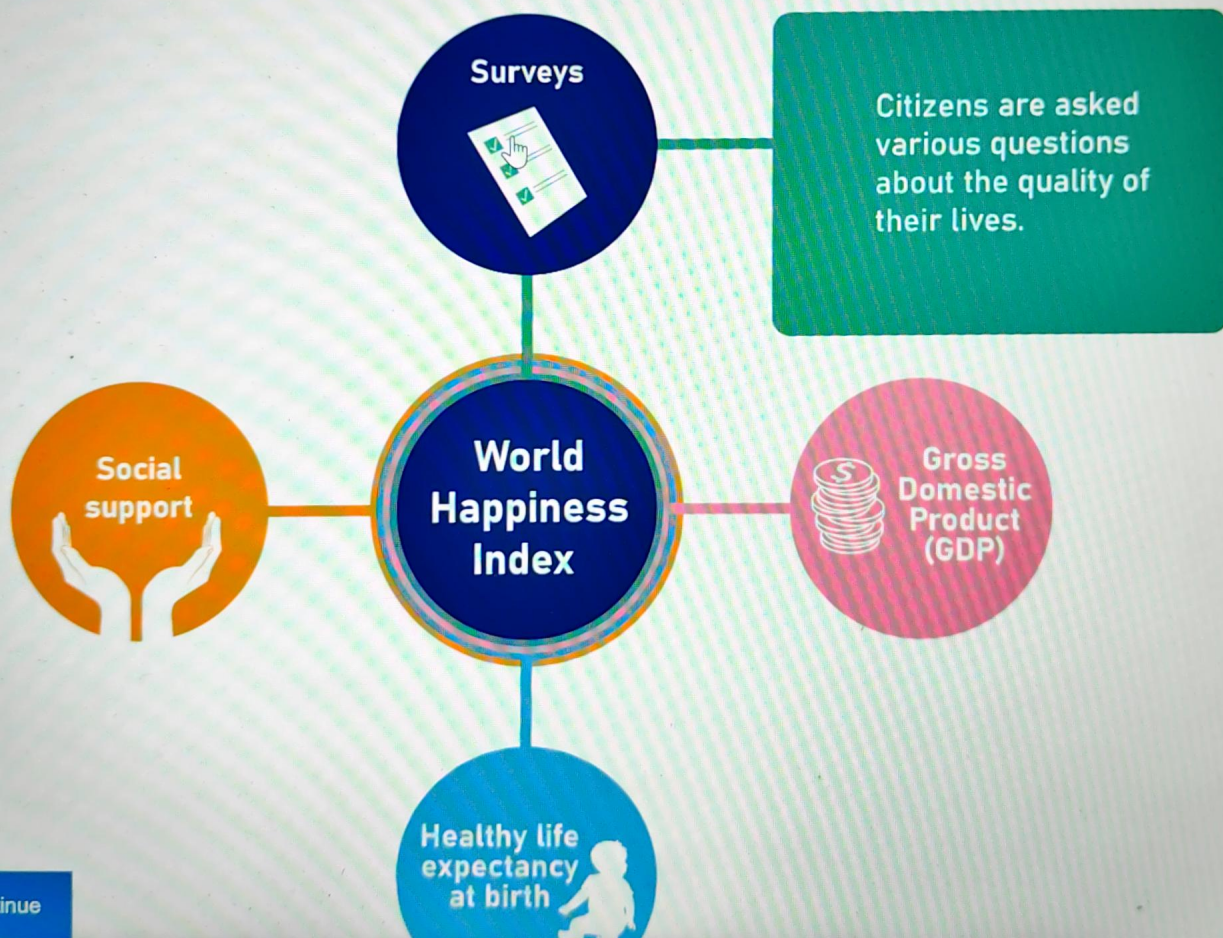
Source A

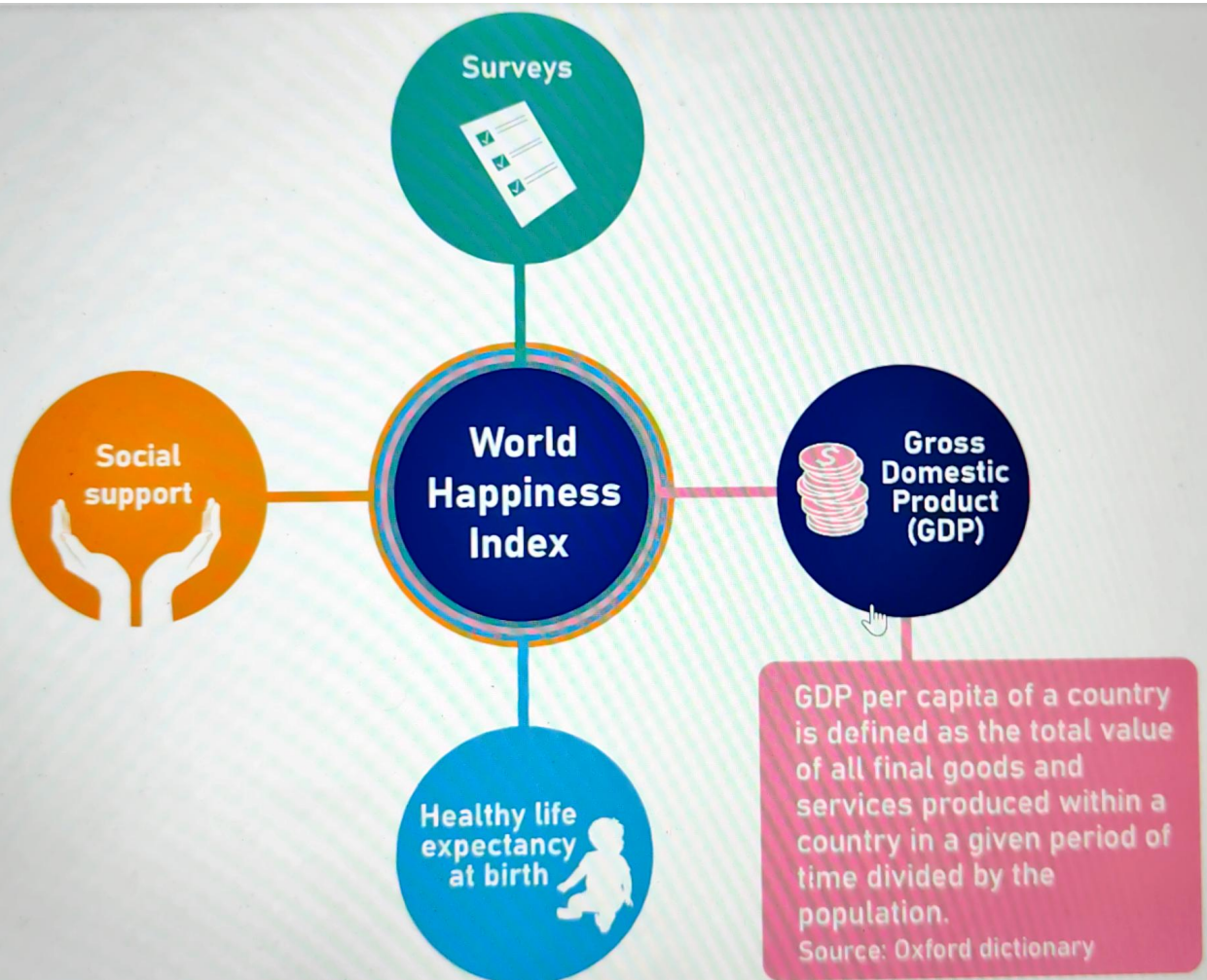
The diagram below shows some of the indicators used to rank countries in the World Happiness Index.

This media is interactive.

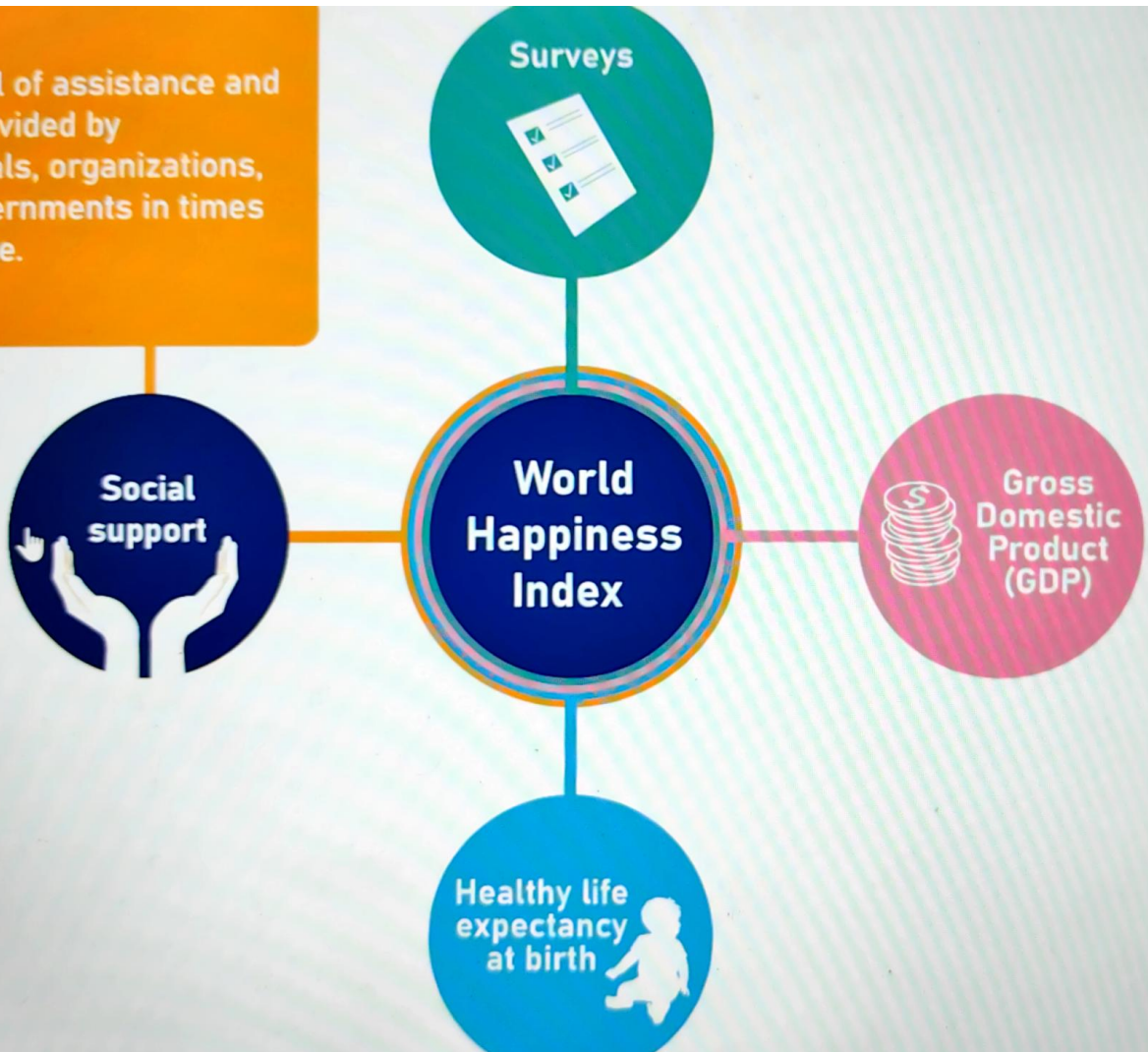
Hover over the indicators for more information.

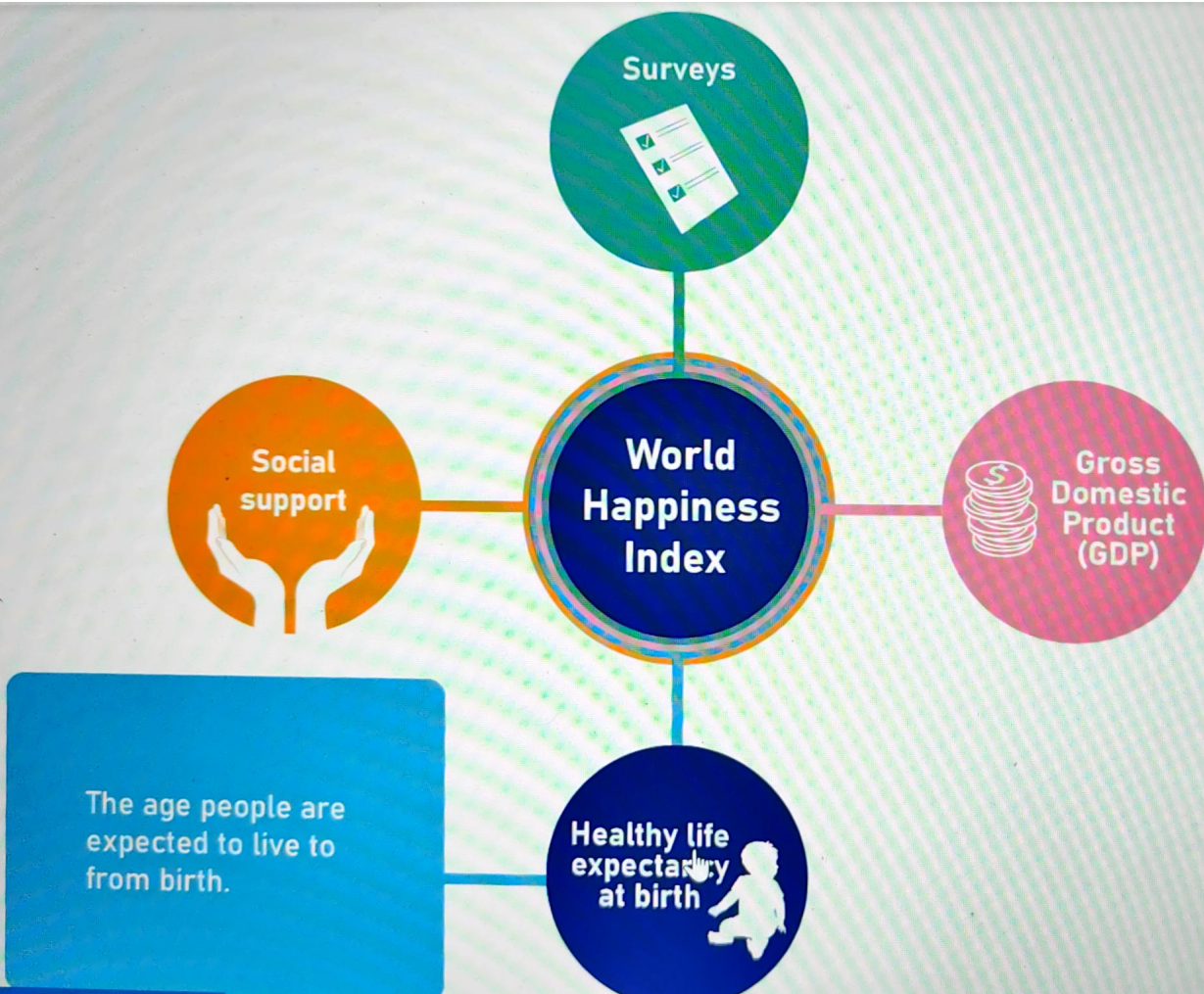







The level of assistance and care provided by individuals, organizations, and governments in times of trouble.





**Justify** why the countries shown in **source A** were able to reach the highest levels of happiness. In your response, you must refer to **one** indicator shown in **source B**.

**B** *I* | ← → U  $x_2$   $x^2$   $\frac{1}{2}$   $\frac{3}{2}$   $\Omega$   $\Sigma$  Styles ▾ 



### Question 3a (2 marks)

In the World Happiness Report, a ranking of various cities is also available. It shows that sometimes a city can be ranked as happier than the country it is part of.

As an Integrated Humanities student, you must plan an investigation to verify this finding for a location (such as a village, town or city) and country of your choice.

With reference to **one** of the development indicators below, **formulate** a clear and focused research question to guide your investigation:

- GDP per capita
- Social support
- Healthy life expectancy at birth

Your research question **must** focus on a component of **one** of the development indicators.

**B** **I** | ← → | U  $x_2$   $x^2$  |  $\frac{1}{x}$   $\frac{1}{x^2}$  |  $\Omega$   $\Sigma$  | Styles |



**Question 3b** (4 marks)

**Justify** how your research question would help you verify the findings of the report that sometimes a city can be rated as 'happier' than its country.

**B** *I* | ← → |    $x_2$   $x^2$  |  $\equiv$   $\equiv$  |  $\Omega$   $\Sigma$  | Styles |



Question 3c (2 marks)

List two pieces of data you would need to help you investigate your research question.

**B** **I** | ← → | U  $x_2$   $x^2$  |  $\frac{1}{2}$   $\frac{3}{2}$  |  $\Omega$   $\Sigma$  | Styles - |





Question 3d (2 marks)

Outline one challenge you might face during your investigation.

**B** *I* | ← → | U  $x_2$   $x^e$  |  $\frac{1}{z}$   $z^e$  |  $\Omega$   $\Sigma$  | Styles - |





Question 3e (2 marks)

Outline one method of recording the data that you would use during your investigation.

**B** *I* | ← → | U  $x_2$   $x^e$  |  $\frac{1}{2}$   $\frac{3}{4}$  |  $\Omega$   $\Sigma$  | Styles |

**Question 4** (8 marks)

A local government wants to improve the lives of its citizens. To do this, they have analysed some of the other indicators used in determining the Happiness Index, in addition to the data they already have on GDP per capita, social support and healthy life expectancy at birth.

They have chosen to focus on three indicators: freedom to make life choices; generosity; and the perception of corruption.

You will be asked to evaluate the local government's action plan shown below.

Deadline to complete the investigation: 10 days

**Stage 1**

<b>Gather data on the following indicators</b>	<b>Method</b>
Freedom to make life choices	Survey 100 citizens for their opinion
Generosity	Contact charities to determine the total amount of donations made to charities in the past month by citizens

Deadline to complete the investigation: 10 days

### Stage 1

Gather data on the following indicators	Method
Freedom to make life choices	Survey 100 citizens for their opinion
Generosity	Contact charities to determine the total amount of donations made to charities in the past month by citizens
Perception of corruption amongst leadership	Interview local government members about the level of honesty in the government

### Stage 2

Once Stage 1 data has been gathered, present the findings to a professor in Economics for analysis.

### Stage 3

Based on the findings, make recommendations to their local government leader.

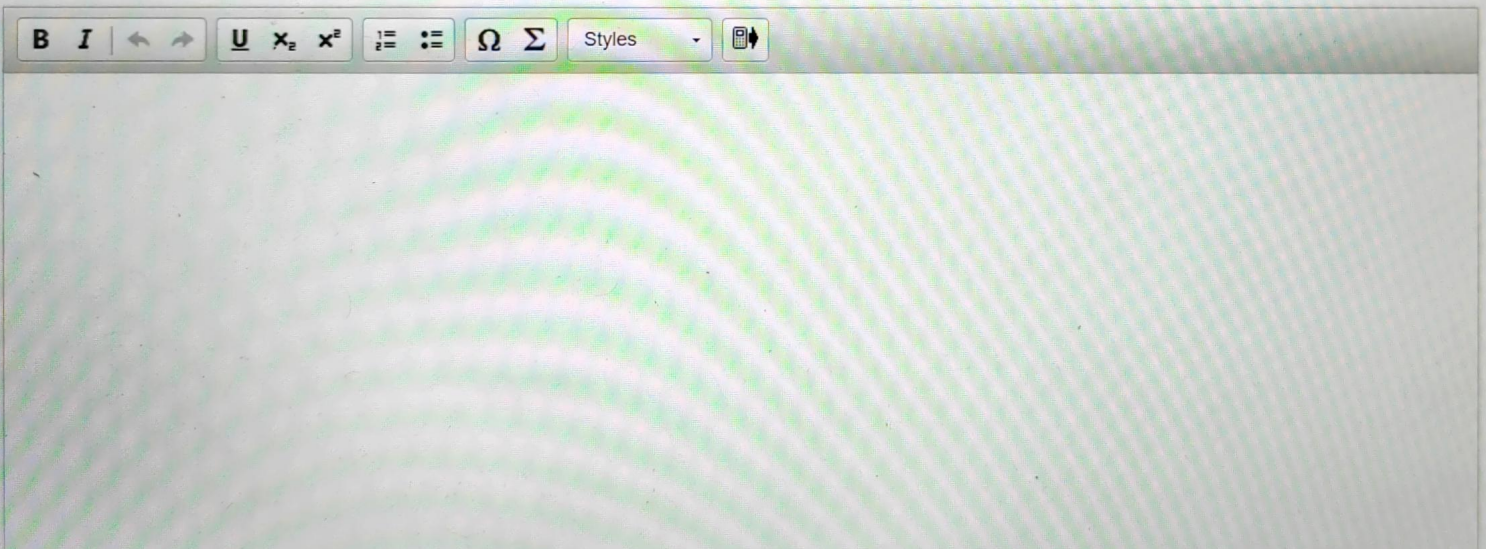
### Stage 2

Once Stage 1 data has been gathered, present the findings to a professor in Economics for analysis.

### Stage 3

Based on the findings, make recommendations to their local government leader.

**Evaluate** the local government's action plan.




The image shows a rich text editor interface. At the top, there is a toolbar with various icons for text formatting: Bold (B), Italic (I), Undo (left arrow), Redo (right arrow), Underline (U), Text Color (x), Background Color (x<sup>e</sup>), Bulleted List (≡), Numbered List (≡), Link (Ω), Unlink (Σ), a Styles dropdown menu, and a Print icon. Below the toolbar is a large, empty text area for editing content.

Question 5 (18 marks)

The image shows a tablet screen displaying a social media post. At the top, the status bar shows the time as 14:30. The post is from the 'International Baccalaureate' account, dated 'Thursday at 10:30 AM'. The post content includes the 'Middle Years Programme' logo, a large orange banner with the text 'COMPETITION!', and another orange banner with 'PEOPLE IN HISTORY'. Below these, it says 'CALLING ALL MYP STUDENTS!' and 'Submit your presentation on how a well known individual's actions brought about noteworthy change in history today and WIN!'. At the bottom, there is a row of eight small portraits of historical figures: Abraham Lincoln, a woman in a white dress, Frida Kahlo, William Shakespeare, a man in a hat, a woman in a purple jacket, Martin Luther King Jr., and Vincent van Gogh.

14:30



 International Baccalaureate  
Thursday at 10:30 AM

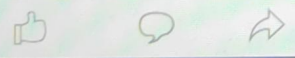
 Middle Years Programme

**COMPETITION!**

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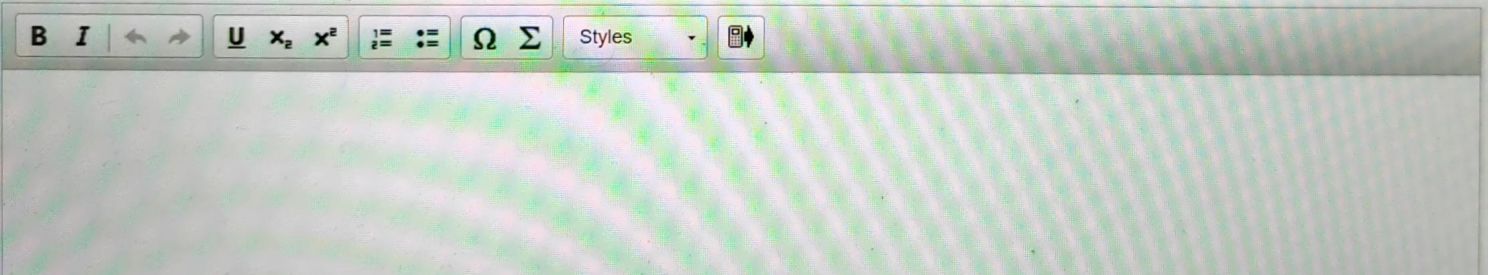


Your school is participating in a global competition called 'People in History', where students in the MYP compete to convince a team of judges how an individual's actions have brought about noteworthy change in history.

To prepare for this competition, you must write a script for your presentation to **explain** how the actions of **one** significant individual brought about change in history.

Consider the below when preparing the script:

- Choose a well known individual who had a positive or negative impact.
- Use a tone that is appropriate for convincing and engaging your audience.
- Include an opening and concluding statement.



The community of Labrador City, Canada, is looking into a plan to store nuclear waste in the area.



**Source C** is a transcript of an interview between a politician from Labrador City and a local journalist discussing the plan. The interview was published in the Labrador Times newspaper.

### Source C

**Journalist**



Can you tell me why you think it is a good idea to store nuclear waste near Labrador City?

We are a generation that is benefitting from nuclear energy. We have used it to produce electricity to power our homes, our schools, our businesses, and hospitals. However, we have the responsibility to find a long-term solution for nuclear waste.

**Politician**



**Journalist**



How do you plan to deal with the waste?

Our plan is to store the used fuel in a deep underground storage

**Politician**

Source C

Journalist



Can you tell me why you think it is a good idea to store nuclear waste near Labrador City?

We are a generation that is benefitting from nuclear energy. We have used it to produce electricity to power our homes, our schools, our businesses, and hospitals. However, we have the responsibility to find a long-term solution for nuclear waste.

Politician



Journalist



How do you plan to deal with the waste?

Our plan is to store the used fuel in a deep underground storage facility. We are working with the best engineers and most recent technology to bury the waste in containers that could even withstand the next ice age.

Politician



Journalist



Some people are worried about this plan and what it will do to the area. Why should we consider this for our community?

Journalist



Some people are worried about this plan and what it will do to the area. Why should we consider this for our community?

Doing nothing is not an option – we have to protect future generations. Most of the waste is sitting in concrete and steel containers that are growing in number every year and there is no alternative plan to deal with it.

We are proposing to build a facility that will dispose of the waste in a safe and secure manner. It will be buried 500 metres or more underground and stored in containers that have many layers.

Politician



Journalist



How will you make sure that we are safe in the long-term? How will the waste be transported to the site?

Right now, highly radioactive waste sits in storage emitting radiation that can pose serious risks to human health and the environment. With nowhere to go for now, the hazardous materials and their containers continue to age. This is an unsustainable situation.

Politician



Analyse the interview from the perspective of a resident of Labrador City looking into the sustainable management of nuclear waste.



Question 6a (1 mark)

**State** the origin of **source C**.

**B** **I** | ← → |  x<sub>2</sub> x<sup>2</sup> |  $\frac{1}{2}$   $\frac{3}{2}$  |  $\Omega$   $\Sigma$  | Styles |




Question 6b (1 mark)


State the purpose of source C.

**B** **I** | ← → | U  $x_2$   $x^e$  |  $\frac{1}{2}$   $\frac{3}{4}$  |  $\Omega$   $\Sigma$  | Styles - |



 Question 6c (2 marks)

**Outline one** value of **source C** from the perspective of a resident of Labrador City looking into the sustainable management of nuclear waste.

**B** *I* ← → U  $x_2$   $x^2$   $\int$   $\sum$   $\Omega$   $\Sigma$  Styles 





Question 6d (2 marks)

**Outline one** limitation of **source C** from the perspective of a resident of Labrador City looking into the sustainable management of nuclear waste.

**B I** | ← → |  x<sub>2</sub> x<sup>2</sup> |  $\frac{1}{z}$   $\frac{1}{z^2}$  |  $\Omega \Sigma$  | Styles |



**Justify** why some residents of Labrador City may not agree with the politician's plans for the management of nuclear waste.

**B** *I* | ← → | U  $x_2$   $x^2$  |  $\int$   $\sum$  |  $\Omega$   $\Sigma$  | Styles ▾ |

Question 8 (24 marks)

Source D shows examples of the consumption of different natural resources. Look at the source and answer the question that follows.

Source D

Forests



## Forests



## Fossil fuels



## Coal



Water



## Sunlight

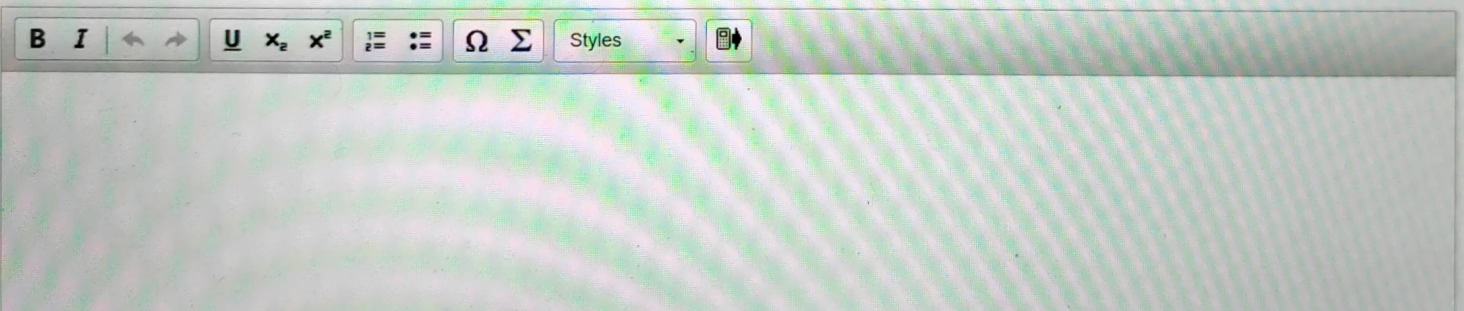


Write a well-structured essay in response to the following question:

To **what extent** do the benefits of natural resource consumption outweigh the problems it could cause?

In your essay, you must:

- refer to **at least one** natural resource (you may use the examples given in **source D** but not **source C**)
- consider aspects such as economic, environmental, political and social
- consider different perspectives.



The image shows a toolbar for a text editor. It includes icons for bold (B), italic (I), left-align, right-align, underline (U), text color (x<sub>2</sub>), background color (x<sup>2</sup>), bulleted list, numbered list, link (Ω), and unlink (Σ). There is also a dropdown menu labeled 'Styles' and a mobile device icon.