



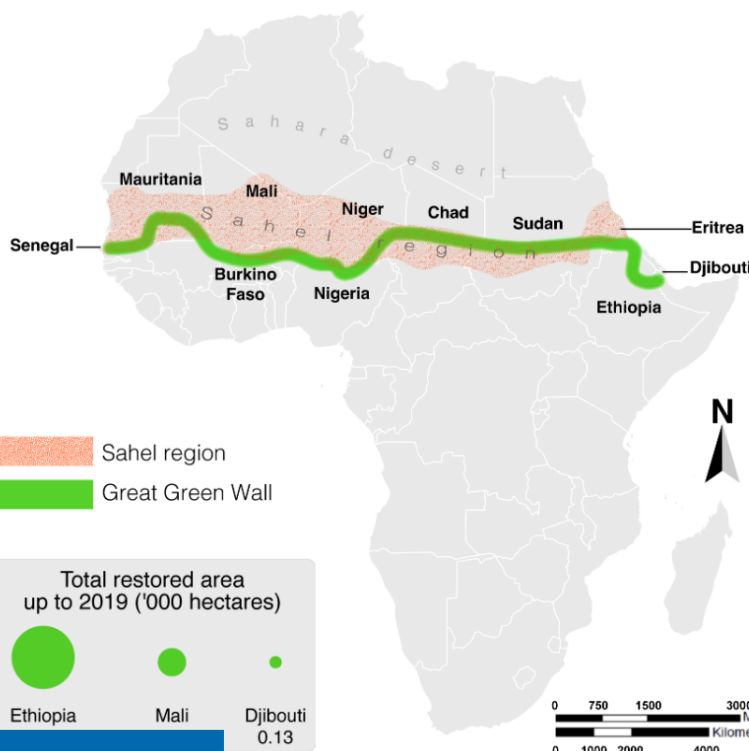
Question 1 (2 marks)

The Sahel region is the arid savannah south of the Sahara Desert, crossing 11 countries. The Great Green Wall Project, started in 2007, aims to restore 100 million hectares of degraded land in the Sahel region by 2030 and create 10 million jobs in rural areas.

Look at **Source A** and answer the questions that follow.

Source A

Africa's Great Green Wall Project



• What is the Great Green Wall Project?

The Great Green Wall Project is expected to be 8000 km long and 15 km wide making it 3 times the size of the Great Barrier Reef. It will use a mixture of trees, grasslands and plants across the Sahel region.

• Why was it needed?

65% of Africa's land has been degraded as a result of climate change, changing weather patterns, population growth, over-grazing and other unsustainable practices.

• How is it going?

Nearly 18% of the project is estimated to have been completed in 2022.

Scroll down to continue



Question 1a (1 mark)

Identify one human factor that has caused land degradation in the Sahel region.

B I | ← → | x₂ x² | $\frac{1}{2}$ $\frac{3}{4}$ | Ω Σ | Styles ▾ | 📄



Question 1b (1 mark)

Identify one natural factor that has caused land degradation in the Sahel region.

B *I* | ← → | U x_2 x^2 | \sum Ω | Styles |



Question 2 (8 marks)

Green Beyond is a non-governmental organization (NGO) that has been working in Mali since 2007. They focus on the Great Green Wall Project and have created an action plan in order to finalize their yearly report.

You will be asked to evaluate this action plan.



Yearly Report

Team Member



Project Management

Upcoming

Set next year's goal



Write yearly report

In progress

Visit two villages and interview one person in each village about the project

Analyse change in development indicators in Mali from 2020 to today:

- % of arable land

- % of population in extreme poverty



Done

Review funding and finalize next year's budget

Collect yearly results

Mali

891 people trained

6 300 hectares area reforested

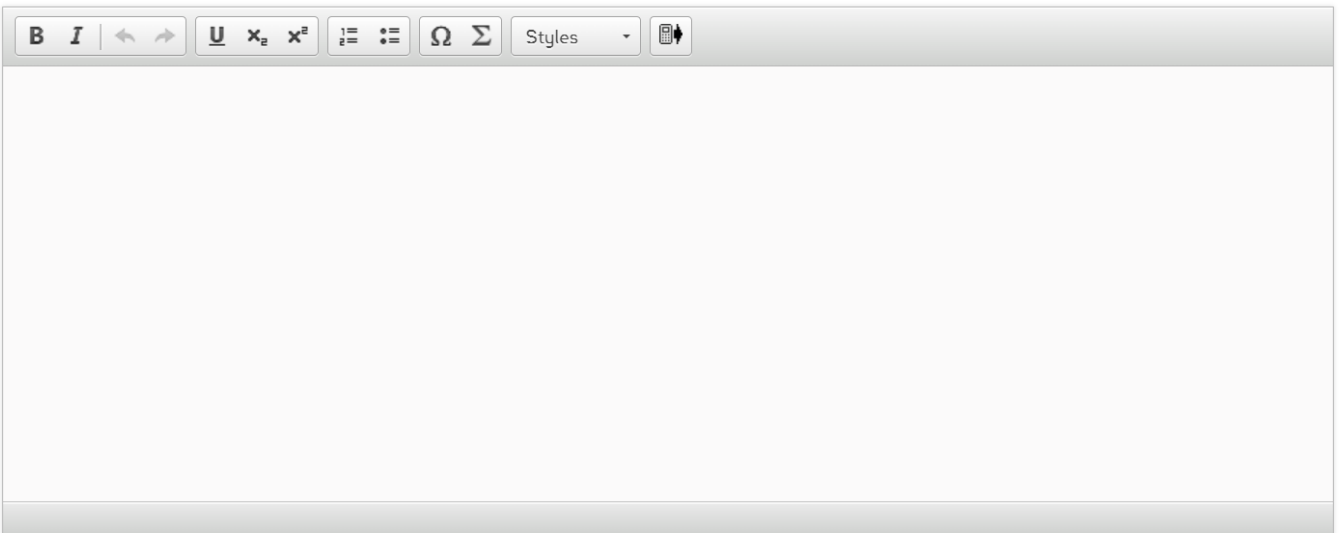
6 000 hectares land area restored

165 203 trees planted in one year

Read reports by partnership organizations

Scroll down to continue

Evaluate the NGO's action plan.



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Question 3 (12 marks)

Question 3a (2 marks)

You will now plan an investigation into sustainable management strategies for a biome. Use the following statement of inquiry to **formulate** a clear and focused research question for an investigation into a biome impacted by humans.

Statement of inquiry: Technological innovation can allow natural environments to become more sustainable.

B I | | **U** x_2 x^2 | | Ω Σ | Styles ▾ |



Question 3b (4 marks)

Justify why your research question is worthy of investigation.

B *I* | ← → | U x_2 x^2 | ☰ ☷ | Ω Σ | Styles ▾ | 📱



Question 3c (2 marks)

Outline one challenge you might face in your investigation.

B *I* | ← → | U x_2 x^2 | ☰ ☷ | Ω Σ | Styles ▾ | 📱



Question 3d (2 marks)

Outline one primary source, other than interview responses, that could be used to investigate your research question.

B *I* | ← → | U x_e x^a | $\frac{1}{2}$ $\frac{3}{4}$ | Ω Σ | Styles ▾ |



Question 3e (2 marks)

Outline one secondary source that could be used to investigate your research question.

B *I* | ← → | x₂ x² | ☰ ☷ | Ω Σ | Styles ▾ | 📱

Question 4 (4 marks)

Explain how protecting **one** of the following biomes could reduce **one** cause of global climate change.

Select one biome from the list below.

- Aquatic biome
- Desert biome
- Forest biome
- Grassland biome
- Arctic/tundra biome

B **I** | ← → x₂ x² |     Styles - 

Question 5 (18 marks)



You have been selected to deliver a speech to celebrate migration at your town's Diversity Week. The event is a celebration of the different cultural backgrounds of your community. As part of your research you have found a local news report including interviews with two people about their perspectives on migration:

Perspective 1:

Migration causes a drain on our economy; we don't have enough jobs for the people here. How can we support migrants who are coming into our town? Migration makes it worse for our people.

Perspective 2:

In the past, immigrants would assimilate by taking on aspects of our culture. Now, they don't try to fit in and many immigrants don't speak our language.

In your speech celebrating diversity, **explain** two positive effects of migration for the communities they move to.

Your speech must include:

Perspective 1:

Migration causes a drain on our economy; we don't have enough jobs for the people here. How can we support migrants who are coming into our town? Migration makes it worse for our people.

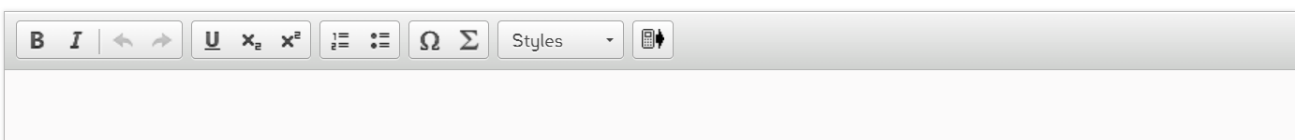
Perspective 2:

In the past, immigrants would assimilate by taking on aspects of our culture. Now, they don't try to fit in and many immigrants don't speak our language.

In your speech celebrating diversity, **explain two** positive effects of migration for the communities they move to.

Your speech must include:

- an opening statement
- a concluding statement
- examples from your MYP studies.

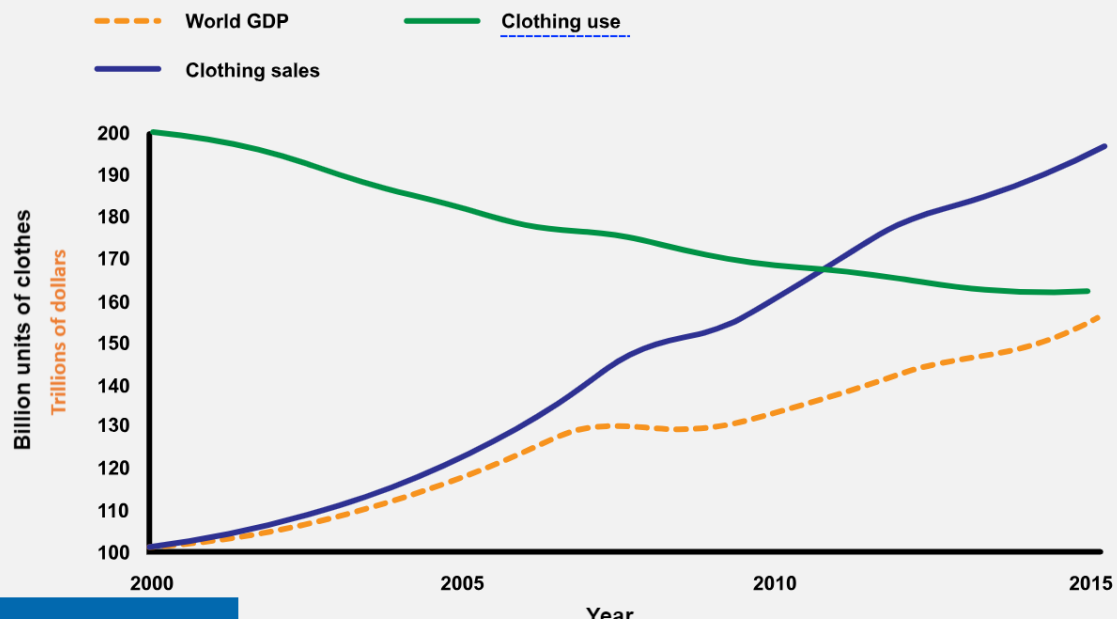


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Question 6 (4 marks)

Look at Source B below and answer the questions that follow.

THE RISE OF FAST FASHION





Question 6a (1 mark)

State the origin of the graph.

B *I* | ← → U x_2 x^2 $\frac{1}{z}$ $\frac{1}{z}$ Ω Σ Styles ▾

Empty text input area for the answer.



Question 6b (3 marks)

Describe the relationship between clothing sales and clothing use.

B *I* | ← → | x₂ x² | ☰ ☷ | Ω Σ | Styles ▾ | 📱

Question 7 (4 marks)

A government official from Accra in Ghana is using the infographic in **Source C** below to demonstrate the impacts of second-hand clothing on people and the environment.

The impacts of fast fashion – Where do our unwanted clothes go?

'Fast Fashion' is the term used for cheap, poor quality clothes that are manufactured and purchased in large quantities. These clothes are worn a few times then discarded.



The Kantamanto market in Accra in Ghana is the world's largest second-hand clothing market, receiving 15 million items of used clothing from developed countries every week.



40 % of these clothes are such poor quality they are worthless and end up as landfill on the banks of the Korle Lagoon in Accra.



5000 second-hand clothing retailers work at the Kantamanto market every day.



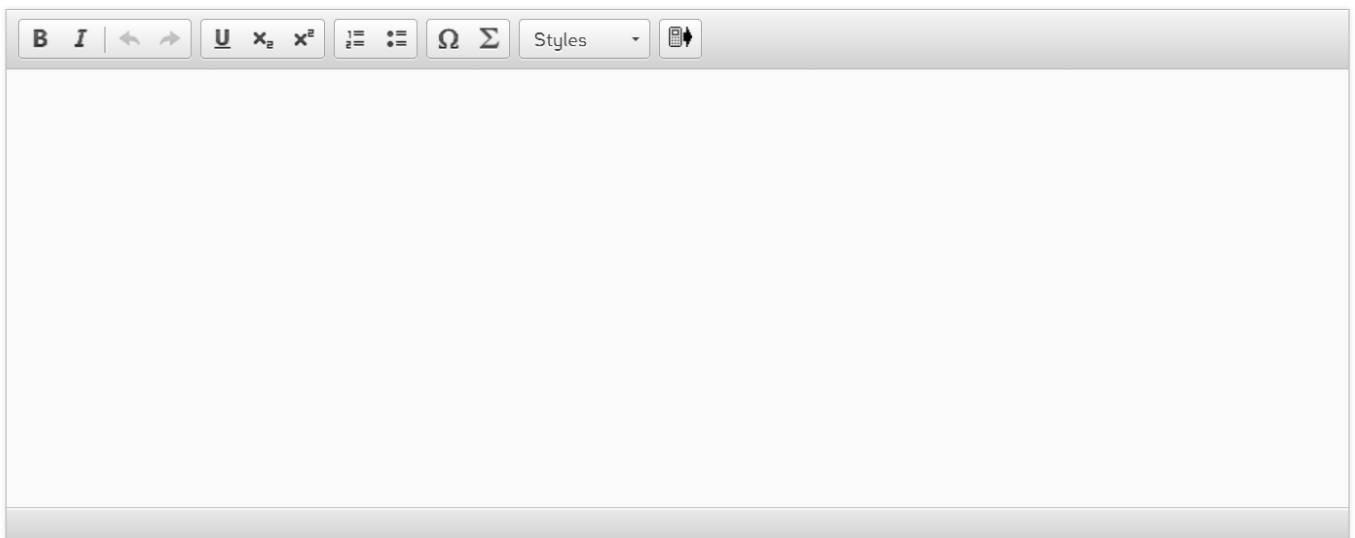
Every year, approximately 4 million tonnes of used textiles are shipped across the planet. This industry is estimated to be worth \$4.6 billion.



Globally, an estimated 85 % of all textiles end up in landfill each year.



Explain one value or one limitation of the infographic to the government official.



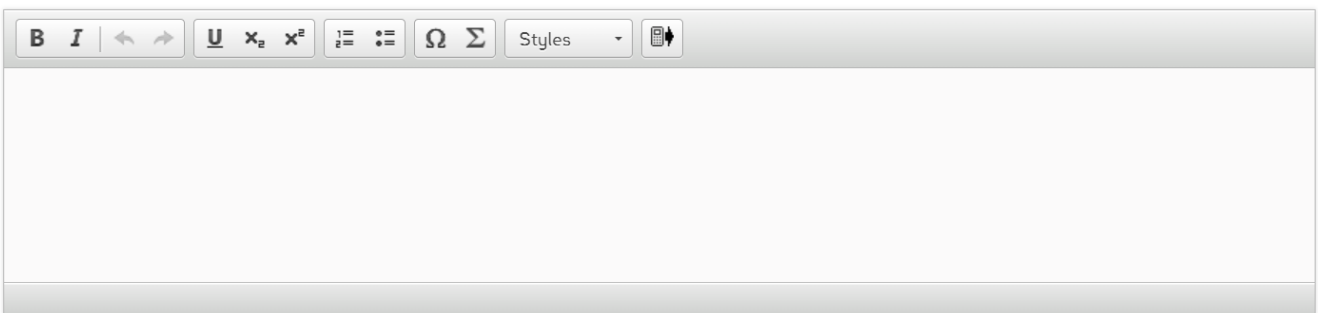
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Question 8 (4 marks)

Source B and **Source C** are repeated here for information.

Justify how the responsibility to reduce the impact of fast fashion lies with the individual.



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Question 9 (24 marks)

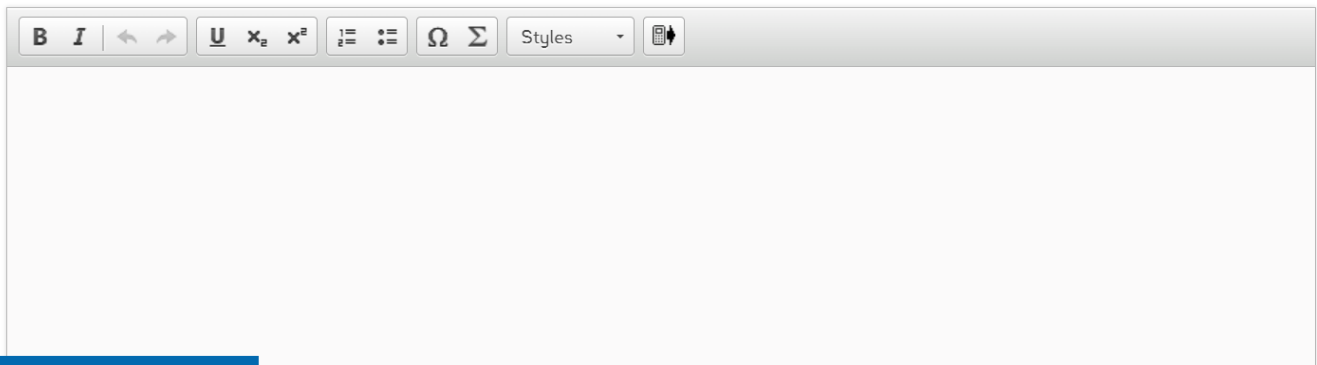
Source B and **Source C** are repeated here for information.

In a well-structured essay, respond to the following question:

To what extent is trade environmentally and socially sustainable?

In your essay, you **must**:

- consider different perspectives
- use examples from your MYP studies to support your arguments.



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