



Question 1 (1 mark)

Identify one stakeholder who has benefitted from industrialization.

B *I* U x_2 x^2 Styles

Question 2 (2 marks)

Outline one reason why industrialization occurred.

B I **U** x_2 x^2 Ω Σ Styles



Question 3 (3 marks)

Describe how society changed after industrialization.

B *I* | ← → | U x_2 x^2 | $\frac{1}{2}$ $\frac{3}{4}$ | Ω Σ | Styles ▾ | 📱



Question 4 (8 marks)



As a part of their research project, a group of MYP year 5 students in India has led an investigation into understanding the impact of technical innovations.

Statement of inquiry: Technological innovations have changed lives at local levels.

The students chose to investigate the impact of smartphone use on farmers and their livelihood. They had one month to complete their investigation.

One of the students kept notes on how they conducted their investigation. You will be asked to evaluate their investigation process.

Click on Next page or Previous page icons to see their investigation process.

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Investigation: Technological innovations
have changed lives at local levels

We spent the first week coming up with the following research question and arranging an interview with local farmers:

To what extent has smartphone use changed the livelihood of Indian farmers in rural areas?

We interviewed six farmers from our village.

We asked them these questions:

- How do you use your smartphone to help you with farming?
- How much do you rely on information you receive through your smartphone?

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Some of the interesting facts we found from interviewing the farmers included:

- They have all been using a smartphone for at least three years*
- Their smartphones are a very reliable source for weather updates and government agriculture policies and plans*
- A farming helpline app helped one farmer protect a harvested crop that would have been destroyed by heavy rain. The app gave an extreme weather warning*
- Some of them use their smartphones to find fair prices for their crops*
- Three of the six farmers often use their smartphones to access social media during work.*

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In week three we found the following information on a global forum for agriculture website, published in 2018. It provided the following smartphone uses for farmers:

Awareness of government policies

Access to market prices

Managing their finances

Instant weather information

Awareness of new technology and innovation in farming

Source: www.oecd.org

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We visited another village in our local area in the fourth week.

We took photographs of:

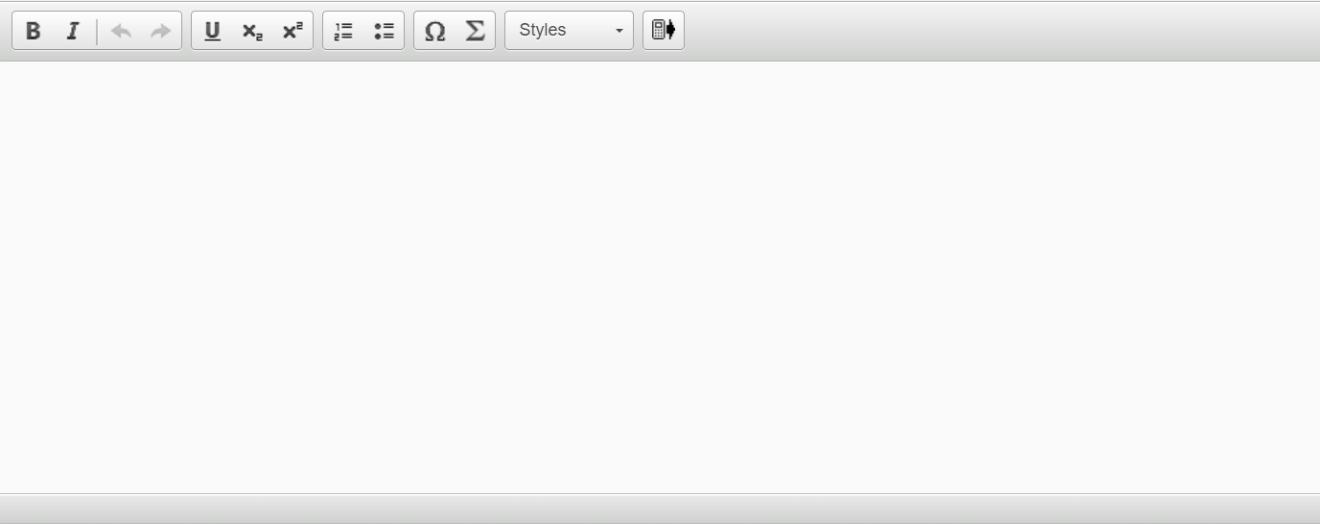
- farmers using smartphones
- cellular phone towers



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Evaluate their investigation process.



A rich text editor toolbar with the following icons from left to right: Bold (B), Italic (I), Undo (left arrow), Redo (right arrow), Underline (U), Subscript (x₂), Superscript (x²), Bulleted List (≡), Numbered List (≡), Link (Ω), Unlink (Σ), a dropdown menu labeled "Styles", and a mobile device icon.



Question 5 (12 marks)



You have been asked to investigate the impact of industrialization on the world. You have been given the following statement of inquiry:

Industrialization has changed lives around the world.



Question 5a (2 marks)

Formulate a clear and focused research question to help you investigate the statement of inquiry.

B **I** | ← → | x₂ x² | ☰ ☱ | Ω Σ | Styles - | 📄



Question 5b (4 marks)

Justify why the research question is worthy of investigation.

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



Question 5c (1 mark)

State one primary source you would use for your investigation.

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





Question 5d (1 mark)

State one secondary source you would use for your investigation.

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





Question 5e (2 marks)

Identify two people you would interview to broaden your investigation.

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





Question 5f (2 marks)

Outline the information you would gather from **one** of the people you identified in part (e).

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



Question 6 (18 marks)

As part of an MYP school project on the state of the economy around the world, your team has been tasked to create a short video about labour shortage. You must work on the script to **explain** to **one** economic agent how they could help with labour shortage for a country of your choice.

These are the economic agents you can choose from:

- Consumers
- Producers
- Governments
- Banks

Your script must:

- include an introduction and conclusion
- inform, engage, and convince so that your ideas lead the economic agent into action
- include **two** ways in which the economic agent could help.

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



Question 7 (8 marks)

In 2019, the Town Planning Council of Lyon in France introduced an urban plan aimed at combining its natural and cultural heritage in the city centre. **Source A** shows the council's website, which gives details of four of the methods they used to do this.

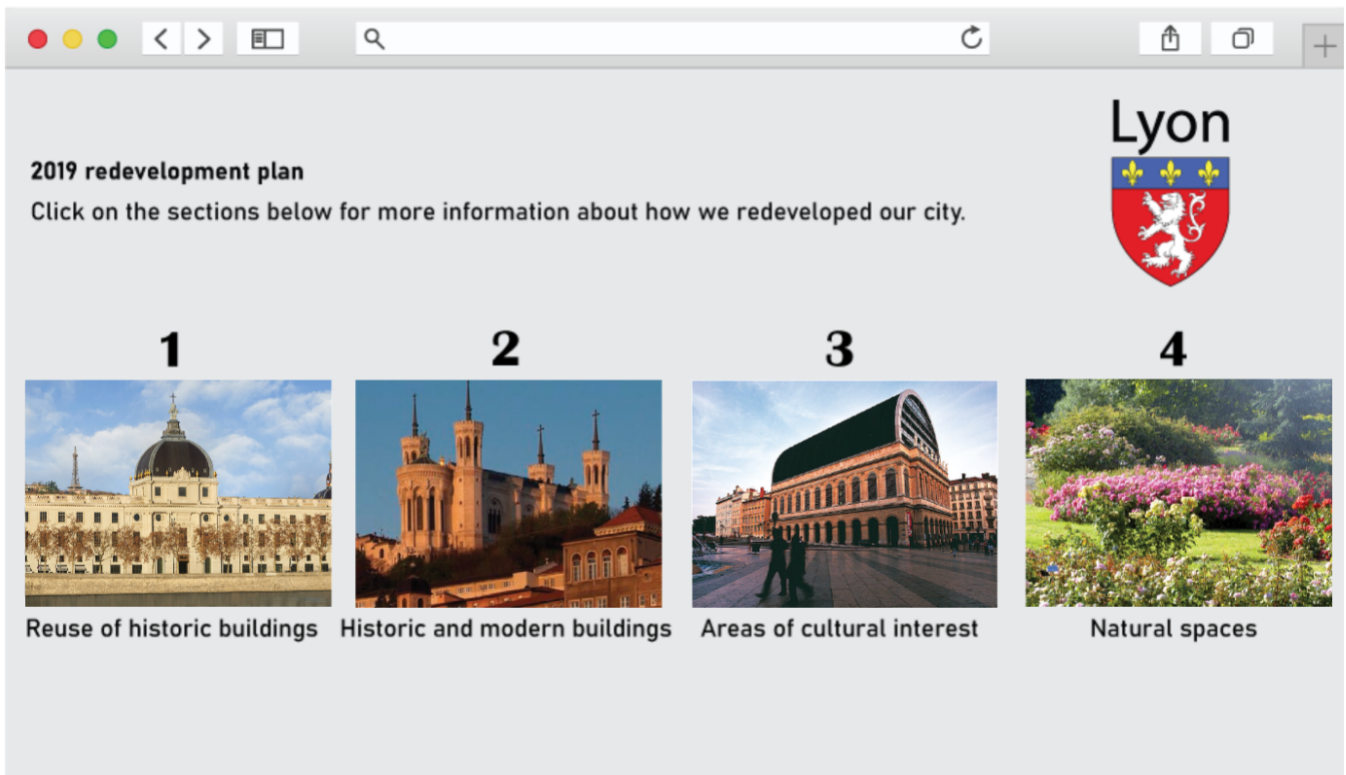
Look at **Source A**. You will be asked to analyse it in terms of its origin, purpose, value and limitations for an MYP student studying sustainable management of urban environments.

Source A

This media is interactive


Click on the images below to display further information. Click on **X** to close page.


Click on the images below to display further information. Click on X to close page.





Lyon

2019 redevelopment plan
Click on the sections below for more information about how we redeveloped our city.

1

Reuse of historic buildings

2

Historic and modern buildings

3

Areas of cultural interest

4

Natural spaces

1 Reuse of historic buildings

A 19th century prison was turned into a residential site and a medieval hospital was turned into a luxury hotel.




Image 1
Residential site




Image 2
Hotel

2 **Historic and modern buildings**

Modern houses were built close to and surrounding historic buildings showing that both could co-exist.




Image 1

3 Areas of cultural interest

Historic buildings were altered to include modern features while respecting the character and history of the area.

Click on images 1 - 3 for further information.

Image 1




Image 2





Image 3



4 Natural spaces

Forests, green paths and natural areas are preserved. Bodies of water for recreational activities and ecological reasons are also preserved.




Image 1




Image 2



Question 7a (1 mark)

State the origin of Source A.

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





Question 7b (1 mark)

State the purpose of **Source A**.

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





Question 7c (3 marks)

Describe one value of **Source A** for an MYP student studying sustainable management of urban environments.

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





Question 7d (3 marks)

Describe one limitation of **Source A** for an MYP student studying sustainable management of urban environments.

B *I* ↶ ↷ U x_2 x^2 ☰ ☱ Ω Σ Styles 📄

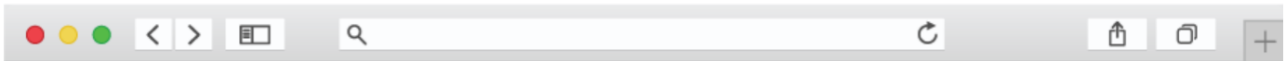




Question 8 (4 marks)




Source A is repeated here for information.



Explain how **one** of the **following** methods used by the Town Planning Council of Lyon contributed to the economic development of the city.

- Reuse of historic buildings
- Historic and modern buildings
- Areas of cultural interest
- Natural spaces



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Question 9 (24 marks)



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

To what extent has the redevelopment of **one** place contributed to its sustainable management?

In your essay, you must:

- provide example(s) from your MYP studies and/or your own knowledge
- consider different perspectives.

You **cannot** use the redevelopment of the city of Lyon as an example.

B **I** | ← → | x₂ x² | ☰ ☱ | Ω Σ | Styles ▾ | 📄