

Name : _____

Class

Index Number

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METHODIST GIRLS' SCHOOL

Founded in 1887



PRELIMINARY EXAMINATION 2025 Secondary 4

Humanities

Paper 1 Social Studies

Wednesday

13 August 2025

2260/2261/2262/01

1 hour 45 minutes

INSTRUCTIONS TO CANDIDATES

Write your class, index number and name on all the work you hand in.

Write in dark blue or black pen on both sides of the paper.

Do not use staples, paper clips, highlighters, glue or correction fluid.

Section A

Answer **all** questions.

Section B

Answer **both** questions.

The number of marks is given in brackets [] at the end of each question.

SECTION A (Source-Based Case Study)

Answer **all** questions.

Being Part of a Globalised World

Study the Background Information and the sources carefully, and then answer all the questions.

You may use any of the sources to help you answer the questions, in addition to those sources which you are told to use. In answering the questions, you should use your knowledge of the issue to help you interpret and evaluate the sources.

1. Study Source A.

What is the message of this source? Explain your answer using details from the cartoon. [5]

2. Study Sources B and C.

How far would the author in Source B agree with the author in Source C on the use of Artificial Intelligence (AI)? Explain your answer. [6]

3. Study Source D.

How useful is this source as evidence about arguments for using Artificial Intelligence (AI)? Explain your answer. [7]

4. Study Source E and F.

Having read Source E, was Source F unexpected? Explain your answer. [7]

5. 'The use of Artificial Intelligence (AI) is good for society.'

Using the sources in this case study, explain how far you would agree with this statement. [10]

What are the implications for the use of Artificial Intelligence (AI) in a globalised world?

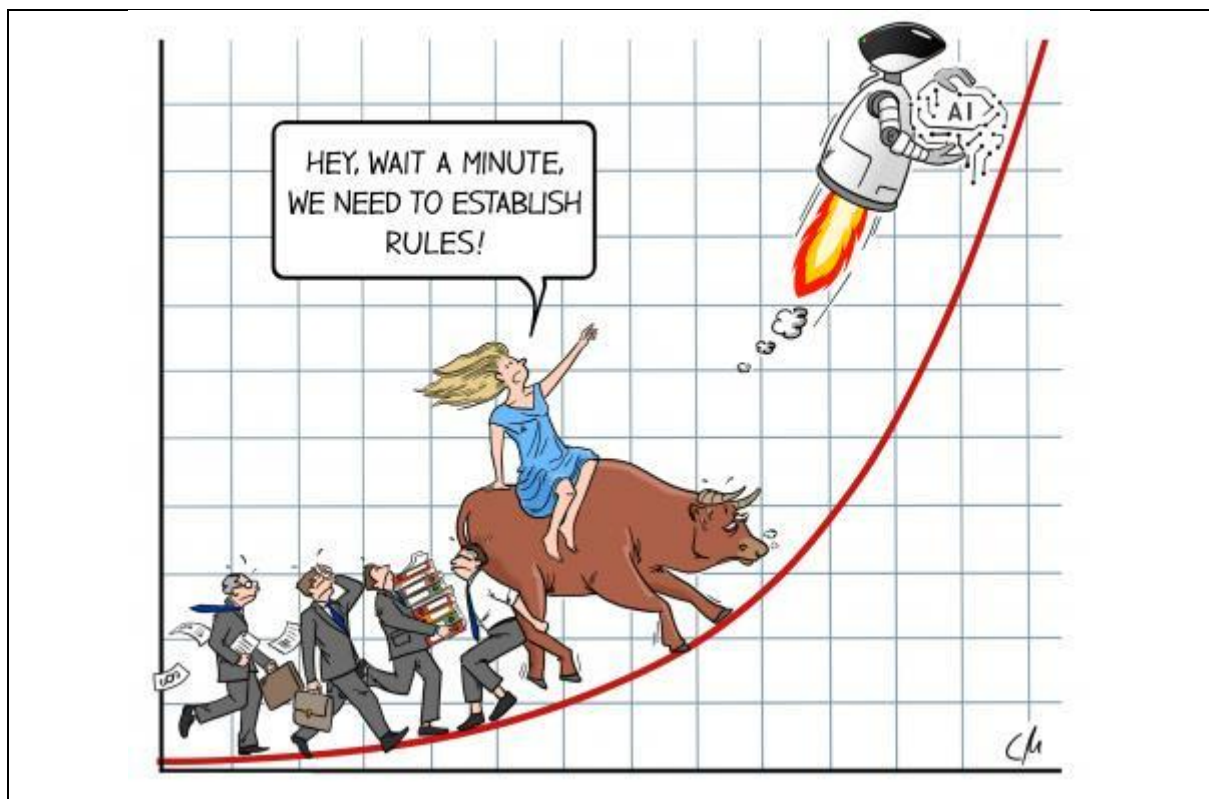
BACKGROUND INFORMATION

Read this carefully. It may help you to answer some of the questions.

Artificial Intelligence, or AI, is a type of technology that allows machines or computers to "think" and make decisions like humans. It uses machine learning, learning from data to get better at making decisions or predictions without needing step-by-step instructions. AI is evident in our daily lives such as chatbots, online recommendations, facial recognition and even self-driving cars. In today's globalised world - where people, businesses, and countries are more connected than ever - AI is changing how we live, work, and communicate.

Study the following sources to find out what are the possible implications of using AI in a globalised world.

Source A: *A cartoon published on an online platform that shared daily perspectives of current affairs, 19 April 2023*



Note: The bull is often associated with Europe, symbolising the European Union

Source B: *An opinion commentary published on a technology and innovation platform, 22 February 2025.*

AI-powered translation tools help people from different countries understand each other better. However, they can also cause problems for cultural diversity. As many AI systems are based on English, they might not translate other languages well. This can lead to misunderstandings and the loss of unique cultural meanings. Over time, this could make different cultures seem more similar than they really are.

AI is also starting to create stories, videos, and educational content. This raises concerns about the future of human storytellers like authors, playwrights, and teachers. As AI takes over these roles, we might lose important cultural traditions and storytelling styles that help define who we are. There is also the risk of AI using cultural ideas without understanding them properly. When that happens, it can feel disrespectful or lead to incorrect portrayals of certain groups.

Source C: *An article published on TIME Magazine, 3 June 2024.*

When Celia Quillian began planning her first post-pandemic trip, she had a few must-haves: spring weather, low crowds, and a U.S. location. “I asked ChatGPT to give me ten recommendations, just to see what it could do,” she said. The AI suggested places like Puerto Rico, Charleston, and Palm Springs—all matching her criteria. “I was like okay, this thing is definitely working.” She chose Puerto Rico and used ChatGPT to build a detailed seven-day itinerary, organized by distance and cost. “It took me an evening to plan the trip versus weeks of research.”

Quillian says the key is being specific—ask for hidden gems, not just tourist spots. She used ChatGPT throughout her trip to uncover unique cultural experiences, identify wildlife, and decode menus. “I speak to it like a friend or assistant,” she says. “It’s my own pocket travel guide.”

Source D: *A letter by Philippe Huberdeau, Secretary-General of Scale-Up Europe, an initiative to accelerate the growth of innovation and to consolidate the technological sovereignty of Europe, 30 April 2025.*

I believe that the ability to instantly translate websites and communicate across all European languages is a huge step toward unifying the fragmented common market in Europe. Translation, powered by artificial intelligence, has quietly revolutionized how we connect. Today’s machine translation understands context, tone, and style, making translations far more accurate and natural. Unlike humans, AI handles rare or technical terms easily thanks to massive datasets.

Recently, European innovators unveiled exciting advances at the AI Action Summit in Paris. Pleias’ Common Corpus offers a massive, copyright-free dataset spanning 30 languages, and Kyutai’s Hibiki model enables real-time translation directly on smartphones. This revolution in machine translation is exactly the boost Europe needs to promote unity through diversity.

Source E: *An article about Japan's AI rules, 28 June 2023.*

Japan rolled out one of the world's first guidelines on generative AI imagery, but many critics say these rules favour AI developers over artists. Even though the rules follow current copyright law, the rules allow AI to be trained on copyrighted work without permission because it is seen as analysing information, not copying it. In practice, artists face steep hurdles: to sue, they must prove a commercially sold AI-generated image is clearly similar to their work and that their art was used for training the AI machine. Yet the AI training datasets remain undisclosed, making evidence hard to come by, protecting AI companies and giving artists very few ways to fight back.

Some legislators and art groups call for deeper revisions, arguing that the current guidelines are insufficient. Meanwhile, Japan continues to position itself as a welcoming environment for AI innovation, drawing interest from AI companies.

Source F: *An article on Studio Ghibli, a world-renowned Japanese animation studio published by a business and technology news outlet, 28 March 2025.*

OpenAI's latest image tool, available to paying ChatGPT users, can generate artwork in the style of Studio Ghibli, the beloved Japanese animation studio a hallmark of Hayao Miyazaki's legacy in classics like Spirited Away and My Neighbour Totoro. These Ghibli-style images quickly went viral online, exciting fans to recreate their photos. However, users noticed a contradiction: the free version of ChatGPT refuses similar prompts, saying the style is protected by copyright.

OpenAI responded by saying its policy only blocks prompts referencing individual living artists, not studios. Legal experts agree that an art style, unlike actual characters or scenes, is generally not protected by copyright law. This makes it hard for companies like Studio Ghibli to take legal action, unless they can prove the AI was trained on their copyrighted content or that it directly copied specific works.

SECTION B (Structured-Response Questions)

Answer **both** questions.

Living in a Diverse Society

Study the extracts carefully, and then answer the questions.

Extract 1

Singapore faces social class issues, particularly seen in housing and wealth distribution. While 80% of residents live in public HDB flats, wealthier individuals often reside in private housing, leading to social separation. The top 1% hold over one-third of the nation's wealth, while the bottom 10% earn significantly less, highlighting income inequality. Although government transfers reduce the Gini coefficient, class divides still impact social cohesion and mobility.

Extract 2

To meet the diverse socio-economic needs of society, the government offers direct financial support and social services to specific groups of citizens.

Extract 3

In supporting various groups within society, the government, businesses, community, and individuals work together in partnership to address societal needs.

6. Extract 1 shows how Singapore's housing and wealth patterns reflect deep social class divisions in Singapore.

In your opinion, what are some ways to help increase mixing between different social classes in Singapore? Explain your answer with reference to **two** ways. [7]

7. Extract 2 and Extract 3 reflect on the government-financed approach and the shared responsibility approach in responding to socio-economic diversity.

Do you think that the government-financed approach is more effective than the shared responsibility approach in managing the needs of the people? Explain your answer. [8]

END OF PAPER

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Acknowledgements

- Source A © <https://www.cartoonmovement.com/cartoon/eu-versus-ai?collection=/collection/artificial-intelligence>
- Source B © https://www.guennar.com/post/cultural-homogenization-due-to-ai-driven-content-creation-and-curation?utm_source=chatgpt.com
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- Source F © <https://www.businessinsider.com/openai-studio-ghibli-style-images-violate-copyright-or-not-2025-3>
- Extract 1 OpenAI. (2025) Singapore Socioeconomic Class Divide [ChatGPT-generated content]. Retrieved June, 2025.

