

DUNMAN SECONDARY SCHOOL

PRELIMINARY EXAMINATION 2026

SECONDARY 4 EXPRESS / 5 NORMAL (ACADEMIC)

HUMANITIES 2260/01

Paper 1 Social Studies 18 August 2026

Additional Material: Writing Paper 1 hour 45 minutes

Strings

READ THESE INSTRUCTIONS FIRST

Write your name, class, index number and question number on all pieces of Writing Paper used.

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

Do not use staples, paper clips, highlighters, glue, or correction fluid on the Writing Paper.

Section A Answer all questions.

Section B Answer both questions.

At the end of the examination, submit the answers to the following sections SEPARATELY:

Section A (Questions 1, 2 and 3)

Section A (Question 4)

Section A (Question 5)

Section B

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

The total number of marks for this paper is 50.

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This document consists of 7 printed pages and 1 blank page.

SECTION A (Source-Based Case Study)

Answer all questions.

Exploring Citizenship and Governance.

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.

How can societies ensure Artificial Intelligence is used responsibly?

BACKGROUND INFORMATION

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

Artificial Intelligence (AI) is increasingly being used in areas such as education, healthcare, business and communication. It has brought many benefits, including greater efficiency and easier access to information. However, concerns have also been raised about the misuse of AI, such as the spread of misinformation and threats to privacy. Governments, technology companies, schools and citizens have all been called upon to help address these challenges. As the use of AI becomes more widespread, ensuring that it is used responsibly has become an important issue for societies around the world.

Study the following sources to find out how societies can ensure AI is used responsibly.

*An algorithm is a step-by-step set of instructions or rules used to carry out a task.

SECTION B (Structured-Response Questions)

Answer both questions.

Being Part of a Globalised World.

Study the extracts carefully, and then answer the questions.

Extract 1

Recent cases in Singapore have involved youths who became influenced by violent extremist ideologies. Some developed hatred towards particular communities, expressed support for violence and eventually made preparations to carry out attacks. These cases show that youth radicalisation can become increasingly serious when warning signs are not recognised and addressed early.

Extract 2

Governments take measures to prevent terrorist attacks within their countries. These include strengthening border controls and introducing laws that allow the authorities to act against suspected threats before attacks occur.

Extract 3

Terrorist networks may operate across national borders, making them difficult for one country to address alone. Countries therefore cooperate by sharing intelligence and coordinating their counter-terrorism efforts through international organisations.

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CANDIDATE NAME | CANDIDATE NAME | | | | | | | | |
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1) | Study Source A. |

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

| |

2) | Study Source B. |

| How useful is this source as evidence of how societies can ensure AI is used responsibly? Explain your answer. | [6]

| |

3) | Study Sources C and D. |

| How far does Source C support Source D? Explain your answer. | [7]

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4) | Study Sources E and F. |

| Having read Source E, would you have expected Minister Josephine Teo to express this view in Source F? Explain your answer. | [7]

| |

5) | 'Individuals should take responsibility to ensure that AI is used responsibly.' |

| |

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

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Source A: | Source A: | A cartoon published in March 2025, portraying a courtroom about AI use and human responsibility. | A cartoon published in March 2025, portraying a courtroom about AI use and human responsibility.

Source B: | Adapted from a report in 2024 by a non-profit organisation that studies the impact of media and technology on children and families.

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Source C: | Adapted from a speech by Karan Bhatia, Global Head of Government Affairs and Public Policy at Google, speaking at a conference on AI in Singapore, 2025. | Adapted from a speech by Karan Bhatia, Global Head of Government Affairs and Public Policy at Google, speaking at a conference on AI in Singapore, 2025.

One of the things that we have urged is that we work together. There should be collaboration between industry and government as we try to figure out this new technology together. We have always said that AI is too important to leave it uncontrolled, but controlled smartly so that its benefits are not limited. We have to allow innovation to continue while making sure that the right safeguards are in place. As AI models become more powerful, they may create risks, but they also bring incredible benefits. Governments and technology companies need to work together to figure out how to use this technology while addressing those risks.

Source D: | Adapted from an article by academics from the University of Oxford discussing the role of humans in a world increasingly shaped by AI, 2025.

To address the challenges posed by AI, a balance needs to be found between using technology and maintaining human judgement. AI should support people in making decisions rather than replace critical thinking. Human oversight is important to ensure that AI systems are used responsibly. Everyone involved in the use of AI should understand their responsibilities. People should also have enough information to make their own judgements and challenge AI-generated suggestions when necessary.” When an AI system causes harm, the people involved should be held accountable. AI itself cannot be held responsible because it cannot understand the consequences of its actions or make moral decisions. Therefore, responsibility must remain with humans.

Source E: | A poster created by a Singaporean blogger discussing the responsible use of AI in 2026.

Source F: | Adapted from a speech by Josephine Teo, Minister for Communications and Information, at the Parliament 2024.

In the world of AI, we can think broadly of three communities. AI creators conduct advanced AI research, develop new AI systems and find new ways to use AI. AI practitioners have the skillsets to implement and deploy AI systems, models and algorithms in organisations. AI users are equipped to use AI-powered solutions and services to increase productivity and take up better jobs. While we welcome the opportunities that come with AI advancements, we must also guard against the risks of misuse. AI can intensify existing threats such as cyberattacks, scams and fake news. Safeguards are therefore necessary. Singapore has taken steps to promote the safe and responsible use of AI. Singapore launched the AI Verify Foundation to promote the responsible use of AI and announced a Proposed Model AI Governance Framework for Generative AI. More recently, Singapore led the development of the ASEAN Guide on AI Governance and Ethics.

6 | Extract 1 highlights the growing concern over youth radicalisation in Singapore. |

6 | In your opinion, what advice would you give a friend who is showing signs of radicalisation? Explain your answer with reference to two pieces of advice. | [7]

7 | Extracts 2 and 3 highlight the different ways of addressing transnational terrorism. |

| Do you think cooperation among countries is more effective than security measures taken by governments within their countries in addressing transnational terrorism? Explain your answer. | [8]

Source A: | <https://www.cartoonstock.com/cartoon?searchID=CS644633>

Source B: | <https://www.common sense media.org/press-releases/new-report-shows-students-are-embracing-artificial-intelligence-despite-lack-of-parent-awareness-and>

Source C: | <https://www.youtube.com/watch?v=GYksZ-Bw0Mk>

Source D: | <https://www.sbs.ox.ac.uk/oxford-answers/role-humans-world-ai>

Source E: | <https://thechocoholicrambles.blogspot.com/2026/06/ai-is-brilliant-as-tool-but-some.html>

Source F: | <https://www.csa.gov.sg/news-events/speeches/speech-by-minister-for-communications-and-information-josephine-teo-at-the-committee-of-supply-debate-on-1-march-2024/>