

Information technology in a global society
Higher level and standard level
Paper 2

Tuesday 17 May 2016 (morning)

Candidate session number

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1 hour 15 minutes

Instructions to candidates

- Write your session number in the boxes above.
- Do not open this examination paper until instructed to do so.
- Read the article in the accompanying booklet carefully.
- Answer all questions in the boxes provided.
- It is recommended that 15 minutes is spent reading the article before writing the response.
- The maximum mark for this examination paper is **[26 marks]**.



Read the article and write a response in the boxes provided. Your response should be **approximately 750 words in total**. Write under the criteria headings A, B, C and D. Use clear and precise language. Use appropriate ITGS terminology. Develop answers that demonstrate understanding beyond what is explicitly stated in the article.

Theme: Home and leisure

Criterion A — The issue and stakeholder(s)

[4]

1. (a) Describe **one** social/ethical concern related to the IT system in the article.

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(b) Describe the relationship of **one** primary stakeholder to the IT system in the article.

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Criterion B — The IT concepts and processes

[6]

2. (a) Describe, step-by-step, how the IT system works.
IT system: GPS-based geolocation.

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- (b) Explain the relationship between the IT system and the social/ethical concern described in **Criterion A**.

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Criterion D — A solution to a problem arising from the article

[8]

4. Evaluate **one** possible solution that addresses at least **one** problem identified in **Criterion C**.

Problem identified in **Criterion C**:



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Answers written on this page
will not be marked.



08EP08