



88135515

**INFORMATION TECHNOLOGY IN A GLOBAL SOCIETY
HIGHER LEVEL
PAPER 3**

Candidate session number

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Friday 15 November 2013 (morning)

Examination code

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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 case study carefully.
- Answer all questions in the boxes provided.
- The maximum mark for this examination paper is *[30 marks]*.



08EP01

Answer **all** the questions in the boxes provided.

Refer to the Red Dragon Taxi Company case study **and** to your own related research in responding to the following questions.

1. Describe **two** situations in which the use of a Global Positioning System (GPS) would fail to provide the information the taxi driver needs to find a customer's pick-up point. [4]

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3. *Red Dragon Taxi Company's* new integrated communication and dispatch system (*line 107*) has the capability of recording information about customers and their journeys.

With reference to your research, to what extent does the collection of customer information conflict with the customers' privacy?

[8]

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08EP05

Turn over

Your response to question 4 **must** include evidence of independent research linked to the Red Dragon Taxi Company case study.

- 4. *Red Dragon Taxi Company* has found that there is a wide range of IT systems available that could meet their needs and be implemented by July 2014. With reference to your research, discuss the criteria that could be used to evaluate these systems. [12]

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08EP07

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