WESTMINSTER SCHOOL
THE CHALLENGE 2017

GEOGRAPHY

Wednesday 26 April 2017

Time allowed: 1 hour

You must answer all of Section A and one question from Section B.

Each section is worth 25 marks.

Answers to Section A and Section B should be written on the headed lined booklets provided.

Please write in black or blue ink.

SECTION A (25 marks)

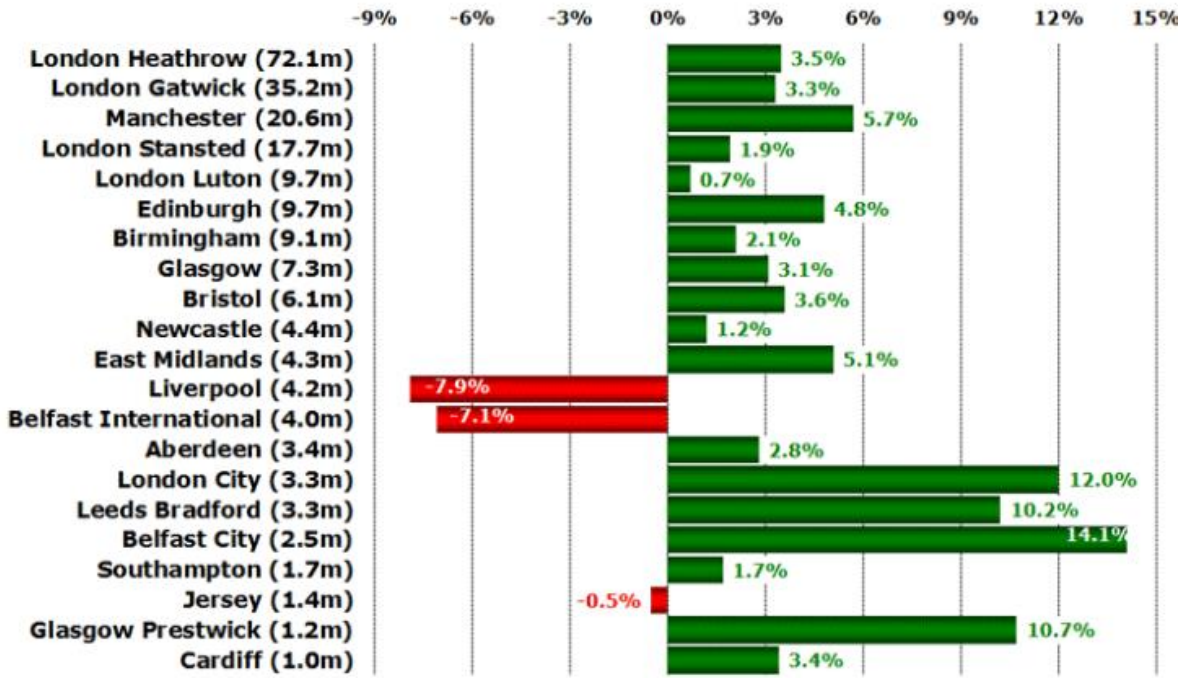
Answer all questions

QUESTION 1

Study figure 1 a graph showing the change in passenger numbers for the top 21 UK Airports.

Figure 1

The change in passenger numbers from October 2012 – October 2013 for the top 21 UK Airports



a) Which airport has the largest number of passengers annually? [1]

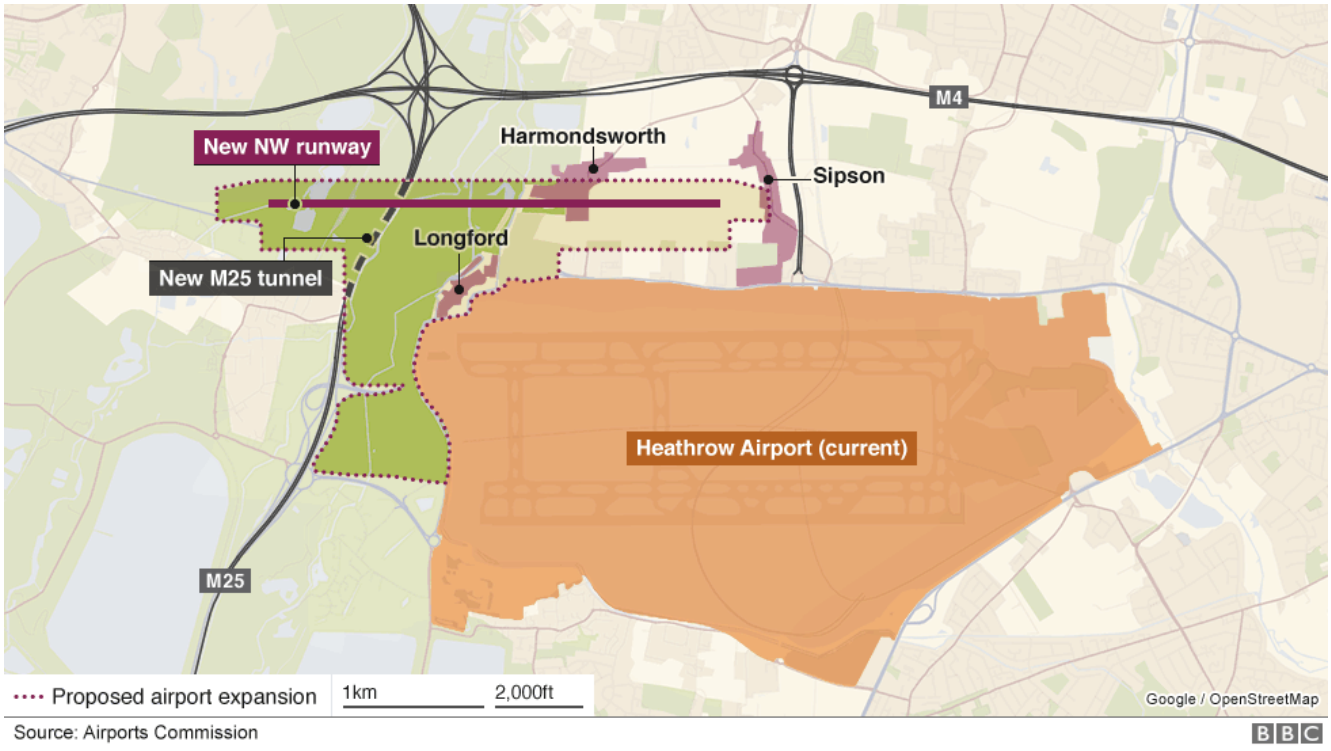
b) Which airport has the largest % change in passenger numbers? [1]

c) What is the total number of passengers flying from London Airports? [1]

QUESTION 2

Figure 2 shows the proposed expansion to build a third runway for Heathrow Airport, which is located 14 miles west of Central London. As part of the expansion, the residential areas of Longford, Harmondsworth and Sipson will be lost to make room for the new runway and associated infrastructure.

Figure 2



Source: Airpots Comission and BBC News October 2016

d) Explain one possible social impact locally of the proposed expansion. [2]

e) Explain two possible economic impacts locally of the proposed expansion. [4]

QUESTION 2

Study the OS map extract of Heathrow Airport which is located 14 miles west of central London and Figure 2.

a) Using the OS map extract compare grid squares 00 78 and 00 75. [3]

b) Describe the relief of the land around Heathrow Airport. [1]

c) What is the shortest distance in KM by road from junction 14 on the M25, to the train station in Wraysbury in grid square 01 74. [2]

d) Using the map extract and figure 2 explain two environmental issues that may arise from the Heathrow expansion. [4]

QUESTION 3

Study figure 3 a map showing the location of some of London's airports and main road networks in the south east of England.

Figure 3.



Source: http://www.surrey-research-park.com/how-get-here

a) Using Figure 3, describe and assess the advantages of extending Heathrow Airport rather than Gatwick or Stanstead Airport. [6]

SECTION B (25 marks)

Answer one of the following essay tittles. Credit will be given for reference to place specific case studies as well as to sketch maps and labelled diagrams.

Each essay is worth 25 marks.

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1. Evaluate the extent to which globalisation is due to improvements in technology.
2. Compare and contrast the geography of two cities.
3. Compare and contrast the formation of two natural landforms.
4. Discuss the challenges facing your local community.
5. To what extent is 'water conflict' going to be the biggest Geopolitical issue of the 21st Century?