



General Certificate of Education
Advanced Subsidiary Examination
June 2015

General Studies (Specification B)

GENB2

Unit 2 Space

Insert

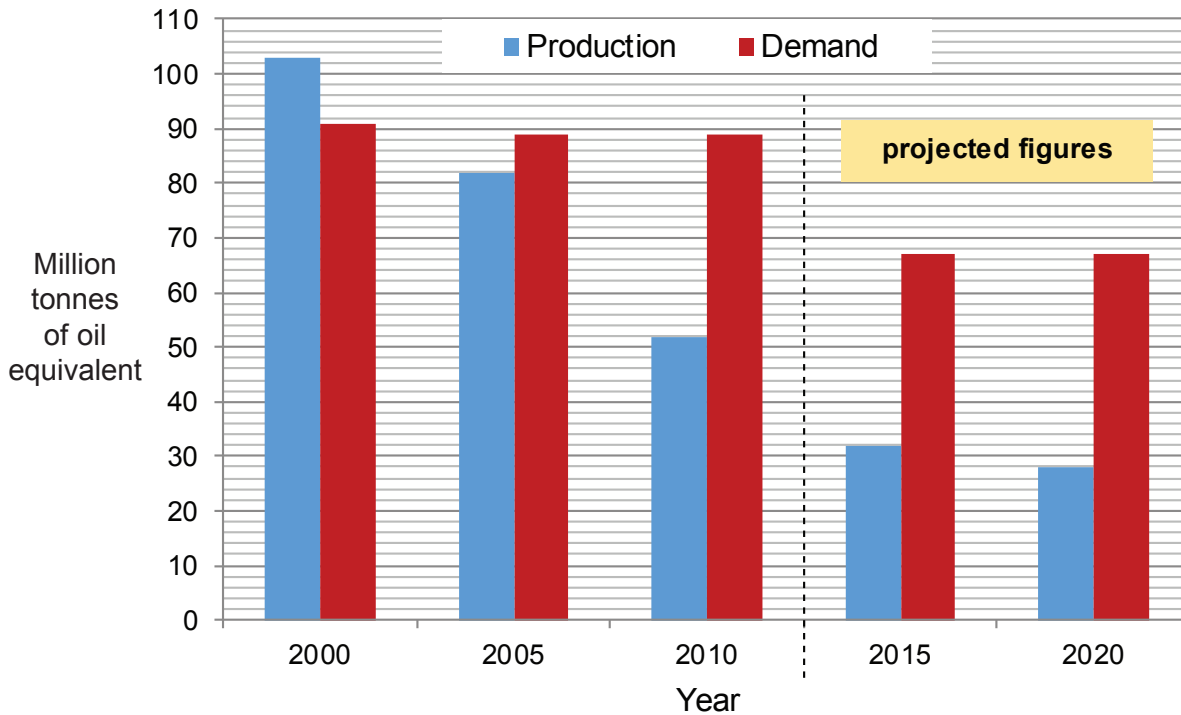
Source Booklet for use with **Questions 1, 2 and 3**

A

Study **Sources A** and **B** and then answer **Question 1**.

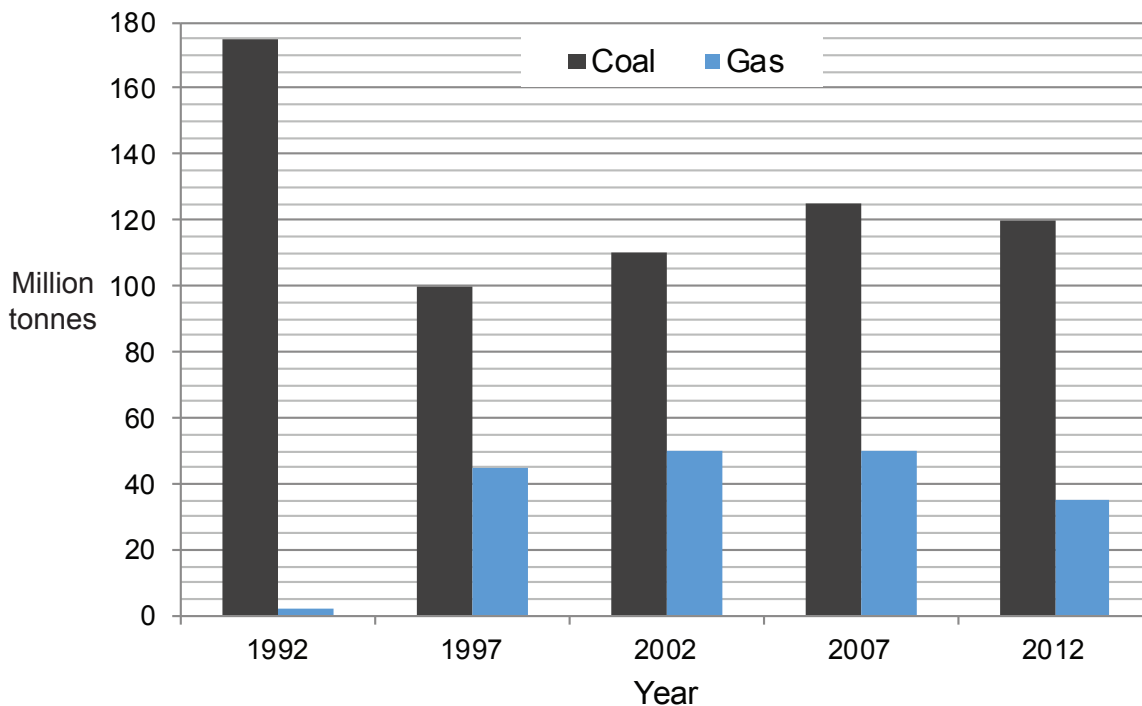
Source A

UK natural gas production and demand
(figures in million tonnes of oil equivalent)



Source B

UK carbon dioxide (CO₂) emissions from electricity generation,
1992–2012 (million tonnes)



Source A: data from 'Updated energy emissions projections: 2013'
Sources B: data from Department of Energy and Climate Change, 2013

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Study **Sources C** and **D** and then answer **Question 2**.

Source C

Statue of former
Prime Minister,
Winston Churchill in
Parliament Square,
London



Source: © NRT-Helena / Alamy Images

Source D

Metal sculpture of a
miner in Brownhills,
West Midlands



Source: © Patricia Owen & Arriva

Turn over ►

Study **Source E** and then answer **Question 3**.

Source E

Birmingham Airport reveals vision of new runway

The runway would form a crucial part of the airport's vision to expand into a global hub capable of dealing with passenger numbers equal to Heathrow's. As part of the plan, a much-expanded Birmingham Airport would sit alongside a new business park for the manufacturing sector and a huge new conference centre at the National Exhibition Centre.

A fully expanded airport would see up to a total of 500 000 take-offs and landings annually and an estimated 250 000 new jobs in the region. Birmingham Airport's chief executive Paul Kehoe said: "If this goes ahead then Birmingham won't just be the UK's second city but a major European city ... We have the M42 gateway and excellent rail links. Why wouldn't you put into that mix an airport that is capable of connecting to the world?" He added: "... whatever the case, progress in the South East can't be delivered for 10–15 years, so we have a short-term role to play as well as a long-term one. We have to win the global economic race and we can't rely on assets in the South East, besides, local people should have the opportunity to fly locally."

The cost to the region's business community is cited as a key reason for better connectivity and this undoubtedly forms the cornerstone of the argument being put forward by the airport and the coalition backing it.

Jerry Blackett, chief executive of Birmingham Chamber of Commerce said: "At the moment we have three million business people a year who would prefer to use Birmingham Airport." His views were supported by local Conservative MP, Mark Garnier, who said: "If you are trying to do business with the rest of the world, you will see how easy it will be. If you can do for the Midlands what Heathrow has done for the South East, then you have a fantastic opportunity here."

Birmingham currently handles nine million passengers each year, which would increase to 36 million once its existing runway is extended, and up to 70 million if it were fully expanded. 45 million passengers currently using London airports could access Birmingham Airport in under an hour from 2032 if HS2 (the high-speed rail-link to and from London) were completed.

Lorely Burt, the Liberal Democrat MP for Solihull in whose constituency the new runway would be located, said that it would reduce pollution by cutting car journeys and the number of domestic flights to Heathrow.

Source: adapted from Enda Mullen, Birmingham Post, 13 June 2013
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END OF SOURCES

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