

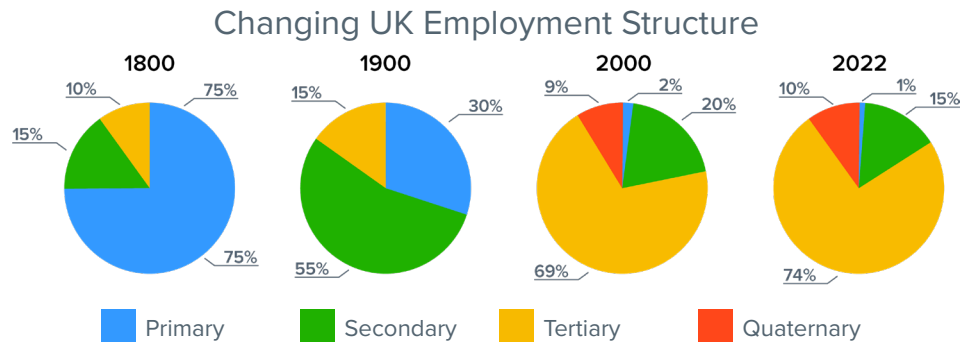
Changing Economic World: **UK Economy**

CENTURY has put together some revision questions to help you prepare for your Paper 2 exam. Answer in your book or on paper and then use the answer sheet to see how you've done and more importantly – how to improve! Good luck!



Question 1

Study Figure 1. Calculate the difference in (%) employment in tertiary industry between 1800 and 2022. [1 mark]



Question 2

Give three reasons for deindustrialisation in the United Kingdom. [3 marks]

Question 3

Give two reasons why tertiary industry often locates on science or business parks. [2 marks]

Question 4

Select the correct example of a social change in a rural area of decline. [1 mark]

- A. Ageing population could result in a lack of care provision
- B. Less people available to work
- C. Lack of affordable housing
- D. Increased social diversity

Question 5

Select the correct example of an economic change in a rural area of growth. [1 mark]

- A. Increase in car ownership results in increased traffic on country roads.
- B. The arrival of newcomers and out-migration of local people changes rural culture
- C. Helps to maintain the demand for services such as schools
- D. High rates of employment

Question 6

Outline how **one** transport improvement has affected the UK economy. (3 marks)

Question 7

- a) Complete figure 2 using the table below: [2 marks]

UK region	GDP in £ millions
North East	208 183
East Midlands	126 189

- b) Using figure 2 and your own knowledge, evaluate the evidence for a north-south divide in the UK. [4 marks]

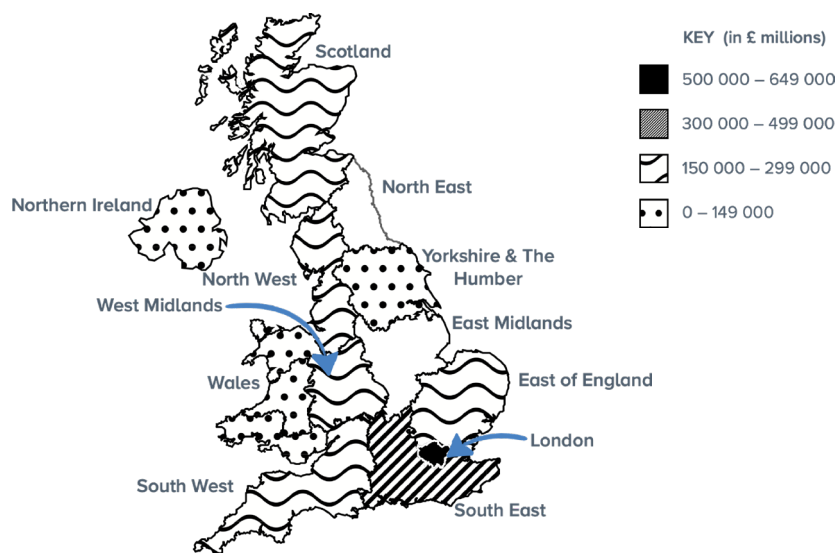


Figure 2

Question 8

Suggest one way that the UK government is trying to resolve regional differences. [2 marks]

Question 9

Outline one way in which trade links the United Kingdom to other countries. [2 marks]

Question 10

A student has written an answer to the following question:

“Assess the extent to which modern industry has reduced its impact on the physical environment. [9 marks]

- a) Read the answer below and use the mark scheme to decide what mark to give.

Industry, such as car manufacturing, can affect the environment in a number of ways. Over 900 000 vehicles were manufactured in the UK in 2021 making it a large scale industry. This therefore makes it important that its impacts are reduced. Extracting raw materials to make the components that go into a car can have an effect on the natural environment as does transporting the materials to be processed. Nissan UK has therefore used some recycled aluminium in the Qashqai vehicles to reduce their impacts on the environment.

Manufacturing and using cars causes lots of carbon dioxide (CO²) emissions. Because there are millions of cars on the roads in the UK this causes a huge amount of emissions. The industry is therefore now making electric vehicles which produce 18 tonnes of CO² over their lifetime compared to a diesel that produces 24 tonnes. Nissan has also reduced the amount of CO² emissions caused by its painting process by using a new lower temperature process.

- b) Rewrite the answer using the mark scheme to help you. Think carefully about how to achieve the highest level and how you could improve on the model answer.

Marks	Description
Level 3 7-9 marks	Demonstrates detailed knowledge and understanding of the impacts of industry on the physical environment and how industry can reduce its impact on the environment. Makes a clear judgement about the likely impact on the physical environment. Max. of level 2 if no conclusion is present.
Level 2 4-6 marks	Demonstrates reasonable knowledge and understanding of the impacts of industry on the physical environment and how industry can reduce its impact on the physical environment. Makes a reasonable judgement about the likely impact on the physical environment.
Level 1 1-3 marks	Demonstrates limited knowledge and understanding of the impacts of industry on the physical environment and how industry can reduce its impact on the physical environment. Makes little judgement about the likely impact on the physical environment.
0 marks	No relevant content.

Changing Economic World: UK Economy **ANSWERS**

Question 1

Study Figure 1. Calculate the difference in (%) employment in tertiary industry between 1800 and 2022. [1 mark]

64%

Question 2

Give three reasons for deindustrialisation in the United Kingdom. [3 marks]

1 mark for any three of:

Mechanisation (1), improvements in transport (1), improved communications (1), government policy (1), globalisation (1), cheaper imports (1), cheaper labour (1).

Question 3

Give two reasons why tertiary industry often locates on science or business parks. [2 marks]

1 mark each for any two of:

Transport links such as motorways for distribution of goods/workers (1), close to housing for workers (1) pleasant environment (1), to be near to other similar businesses to benefit from working together (1), edge of city where more land available/cheaper/room for expansion (1) proximity to universities/skilled graduates (1)

Question 4

Select the correct example of a social change in a rural area of decline. [1 mark]

A. Ageing population could result in a lack of care provision

Question 5

Select the correct example of an economic change in a rural area of growth. [1 mark]

D. High rates of employment

Question 6

Outline how one transport improvement has affected the UK economy. [3 marks]

1 mark each for any 3 of:

Rail: Reducing travel time and thereby improving business links (1), reducing the need for businesses to be based in London (1), and bringing economic benefits to the north that has suffered the most from de-industrialisation (1). Reduce pressure on UK roads making trade quicker/easier (1). Rebalance economy/reduce north-south divide (1).

Port: increase trade capacity for imports and exports (1), create more jobs in the local area (1). Rebalance economy/reduce north-south divide (1)

Air: provide jobs (1), increased freight can be exported/imported (1), reduce reliance on Heathrow (1), rebalance economy/reduce north-south divide (1)

Road: increased capacity of roads/motorways (1) upgrading to smart motorways will make journey times shorter (1) creating jobs in construction (1) make transport of goods/trade quicker/easier (1) make commuting easier/faster (1) rebalance economy/reduce north-south divide (1)

Could also include relevant negative impacts on the economy

Question 7

a) Complete Figure 2 using the table. [2 marks]



North East



East Midlands

b) Using figure 2 and your own knowledge evaluate the evidence for a north-south divide in the UK. [4 marks]

Four mark questions are not marked using individual points. Instead choose a level based on upon the quality of the answer as a whole. CENTURY has given an example answer below with colour coding to show how each part answers the question – use it to try and mark your own answer.

- Description using the figure only.
- Explanation using own knowledge.

Figure 2 shows that GDP is highest in London and the South East regions. In contrast all the regions to the north have a lower GDP.

This means that the more southerly regions are the wealthiest. However, to make a more accurate decision on whether this shows there is a north-south divide in the UK we would also need evidence about quality of life in each region such as indicators of health or education.

Level 2 [3 or 4 marks] – uses figure 2 and own knowledge to give a detailed explanation of the strength of the evidence for a north-south divide.

Level 1 [1 or 2 marks] – may only use figure 2 or own understanding to give a simple explanation of the evidence for a north-south divide.

Question 8

Suggest one way that the UK government is trying to resolve regional differences. [2 marks]

1 x mark for stating the strategy or basic statement. **1 x dev mark** for developing an explanation.

Devolving powers to mayors/local councils (1) to allow them to spend money on improving their regions in the way they feel is best for them (1 x dev mark) Enterprise zones have been created to encourage new business to start-up or relocate to the area (1) Northern Powerhouse to attract investment to the region and create jobs (1) New infrastructure developments e.g. Salford Quays (1) to encourage businesses to relocate to the area (1 x dev mark) create jobs/create a multiplier effect (1 x dev mark)

Question 9

Outline one way in which trade links the United Kingdom to other countries. [2 marks]

1 mark for any 2 of: UK trades globally with countries in Europe/USA/Asia/Commonwealth in particular (1) 50% of trade is with the EU (1) Biggest exports are machinery and transport equipment (1) Tourism to the UK is also an important foreign export (1)

Question 10

A student has written an answer to the following question “Assess the extent to which modern industry has reduced its impact on the physical environment. [9 marks]

a) Read the answer below and use the mark scheme to decide what mark to give.

There is understanding shown of the impacts industry can have on the physical environment e.g. “Extracting raw materials to make the components that go into a car can have an effect on the natural environment as does transporting the materials to be processed.” **The student has a clear understanding of how industry can reduce its impact on the environment** e.g. “Nissan UK has therefore used some recycled aluminium in the Qashqai vehicles to reduce their impacts on the environment.” **They also begin to make some judgement about the extent to which this will affect the environment** e.g. “Because there are millions of cars on the roads in the UK this causes a huge amount of emissions. The industry is therefore now making electric vehicles which produce 18 tonnes of CO₂ over their lifetime compared to a diesel that produces 24 tonnes.” **The answer could include more detailed knowledge throughout to support all points. The answer also needs more developed judgement about the extent to which the measures discussed will be successful. The answer is generally level 2 in quality and earns 5 marks.**

b) Rewrite the answer using the mark scheme to help you. Think carefully about how to achieve the highest level and how you could improve on the model answer.

CENTURY suggests you use this structure to write a level 3 answer:

1. Outline what you understand by “impacts on the physical environment”.
2. Outline the negative physical impacts your choice of industry is having on the environment. Support with facts, statistics and specifics. For example: A medium sized petrol or diesel car produces around 24 tonnes of CO₂ over its lifetime and CO₂ is a greenhouse gas that contributes to the greenhouse affect and global warming.
3. Outline the improvements your choice of industry has made to reduce its impact on the environment. Support with facts, statistics and specifics. For example: Legislation in the UK requires that 95% of a new car should be possible to be recycled and this will reduce the need for more new resources to extracted from the ground.
4. State clearly the extent to which your choice of industry has reduced its impact on the physical environment. Write a short conclusion stating if there are any further improvements that are needed by your choice of industry.