Exam-style questions

Chapter 10: Industry and tourism

Question 1

(a) Fig. 10.1 shows a major industrial zone that has developed along the shores of the Pearl River Delta in China.

![Map of the Pearl River Delta and Guangzhou Industrial Zone](image)

**Fig. 10.1**

Use Fig. 10.1 to:

(i) state one physical advantage of the location for industrial development. [1]

(ii) give other advantages of the area for the development of industry. [2]

(iii) identify an example of each of the following from the industries in Guangzhou:

- a high-technology industry
- an assembly industry
- a manufacturing industry. [3]

(iv) The arrival in the area of industries like oil refining and high technology TNCs like Samsung quickly increased the wealth of the area and its people by stimulating the development of other industries. Explain why. [4]
(b) Table 10.1 gives information about pollution in the Pearl River Delta area.

<table>
<thead>
<tr>
<th>Example source of pollutant</th>
<th>Result of pollution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burning coal in power stations and factories</td>
<td>Smog (fog with sulfur dioxide and smoke)</td>
</tr>
<tr>
<td>Heating oil in oil refineries and manufacturing petrochemicals, using petrol and diesel to power vehicles</td>
<td>Brown smog containing sulfur dioxide, nitrous and nitric oxides and solid particulates</td>
</tr>
<tr>
<td>Organic matter and phosphates from detergents in sewage</td>
<td>River water unsuitable for drinking</td>
</tr>
<tr>
<td>Toxic heavy metals, such as manganese and copper, from industrial processes entering water system</td>
<td>Estuary fish and wildlife such as the endangered Chinese white dolphin (at the top of the food chain) are poisoned (only about 60 dolphins remain)</td>
</tr>
</tbody>
</table>

(i) Describe the effects on people of the types of pollution in Table 10.1. [3]

(ii) The Chinese government is spending large sums of money to make these economic developments as sustainable as possible. Explain the advantages of the following measures they have taken:

- replacing coal with gas
- introducing number plate restrictions to limit when cars with certain plates can use the road
- building new sewage and water-treatment works. [5]

(c) For a named industrial zone or factory you have studied, describe the different levels of importance of factors that have influenced its development in that location. [7]

[Total: 25]
Question 2

Use an atlas map showing European countries for questions (a)(iv) and (b)(i). A map of countries would be provided for you in the examination as you are not required to know country names.

(a) Fig. 10.2 shows the percentage of population of each EU country that participated in tourism in 2015.

![Chart showing percentage of population participating in tourism for EU countries]

Source: Eurostat

**Fig. 10.2**

(i) What is meant by tourism? [1]

(ii) What was the EU average percentage of population that participated in tourism in 2015 and which country had the same percentage? [2]

(iii) Calculate the difference between the country with the highest share of its population participating in tourism and the lowest. Show your working. [3]

(iv) Suggest reasons why some countries have high percentages of their population participating in tourism and others low percentages. [4]
(b) Fig. 10.3 shows the share of tourists accommodated by countries in the EU in 2015.

![Bar chart showing tourist share by country](chart)

**Key:**
- Spain 21%
- Italy 15%
- France 10%
- United Kingdom 10%
- Austria 7%
- Germany 6%
- Greece 6%
- Croatia 5%
- Portugal 3%
- Netherlands 3%
- Rest of EU 14%

Source: Eurostat

**Fig. 10.3**

(i) Suggest reasons why so many EU tourists visit the three countries in mainland Europe with the largest percentage shares of tourists. [3]

(ii) Explain why careful management is required in order for tourism to be sustainable. [5]

(c) For a named area where tourism is important, describe the main attractions of the physical and human landscape and compare the overall importance of the two types of landscape. [7]

[Total: 25]

**Question 3**

Fig. 10.4 shows stages in the production of paper. Use Fig. 10.4 to answer the questions that follow.

![Diagram of paper production process](diagram)

**Fig. 10.4**
Chapter 10 Exam-style questions

(a) Name the two main inputs used to make paper. [2]

(b) Give an example of an output from the industry that is not wasted and state its use. [1]

(c) Give two reasons why pulp and paper making are usually located by fast-flowing rivers. [2]

(d) Name an input to all industries that is not shown on the diagram. [1]

(e) Explain why pulp production is a processing industry whereas paper manufacture is a manufacturing industry. [2]

[Total: 8]

Question 4

Fig. 10.5 shows a hotel on the coast of Aruba, a Caribbean island.

(a) (i) Describe the facilities for tourists provided in the grounds of the hotel in the foreground of Fig. 10.5. [4]

(ii) Give one other attraction for tourists in Fig. 10.5. [1]

(b) Suggest why islands, such as this island, want to attract tourists. [3]

[Total: 8]