Exam-style questions

Chapter 9: Food supply

Question 1

(a) Fig. 9.1 shows a farming system.

(i) Which of the following terms best describes the farming system shown in Fig. 9.1?

A) arable  B) pastoral  C) mixed  

[1]

(ii) Suggest two outputs of the farming system shown in Fig. 9.1.

[2]

(iii) Identify three physical inputs of a farming system.

[3]

(iv) Explain the differences between the following farming systems:

commercial and subsistence;
intensive and extensive.  

[4]

(b) Fig. 9.2 shows changes in agricultural outputs in India.

Agricultural output shares from livestock and horticultural crops in India

Source: data from US Department of Agriculture
Chapter 9 Exam-style questions

(i) Identify three important changes shown in Fig. 9.2.  

(ii) Describe the ways that agricultural outputs can be increased.  

(c) For a named farm or agricultural system that you have studied, describe its processes and outputs.  

[Total: 25]

Question 2

(a) Fig. 9.3 shows the world distribution of food shortages.

![World map showing food shortages distribution](image)

**Fig. 9.3**

(i) Name one continent with a very low percentage of undernourished people.  

(ii) Identify two human factors that can lead to food shortages.  

(iii) Describe the distribution shown on Fig. 9.3.  

(iv) Explain the effects of food shortages on people and economies.  

(b) Table 9.1 shows changes in nourishment and underweight children.

<table>
<thead>
<tr>
<th>Region</th>
<th>Year</th>
<th>Undernourished (%)</th>
<th>Child underweight (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sub-Saharan Africa</td>
<td>1990</td>
<td>37</td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>2000</td>
<td>32</td>
<td>27</td>
</tr>
<tr>
<td>Asia</td>
<td>1990</td>
<td>24</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>2000</td>
<td>21</td>
<td>31</td>
</tr>
<tr>
<td>Latin America / Caribbean</td>
<td>1990</td>
<td>19</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>2000</td>
<td>15</td>
<td>9</td>
</tr>
<tr>
<td>Near East / North Africa</td>
<td>1990</td>
<td>8</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>2000</td>
<td>10</td>
<td>13</td>
</tr>
</tbody>
</table>
(i) Describe the changes shown in Table 9.1. [3]

(ii) Explain how food aid can help areas suffering from food shortages. [5]

(c) Choose one of the following problems: drought, floods, tropical storms, pests. For the problem that you have chosen, explain how it has caused food shortages in an area that you have studied. [7]

[Total: 25]

Question 3

Fig. 9.4 shows the areas of production of selected crops in Jamaica.

![Map of Jamaica showing areas of production of selected crops]

**Fig. 9.4**

(a) Describe the distribution of coconut production. [2]

(b) Describe the distribution of citrus production. [2]

(c) Suggest reasons why the six crops have different distributions. [4]

[Total: 8]
Question 4

Fig. 9.5 shows an agricultural area in Madagascar.

**Fig. 9.5**

(a) Describe the relief of the area shown in Fig. 9.5. [3]

(b) Describe the evidence shown in Fig. 9.5 that agriculture in the area is intensive and arable. [4]

(c) How could the agricultural area be extended? [1]

[Total: 8]