Year 13
Water Revision Sources Pack

Physical systems and sustainability
(3, 6, 8, 12, 20)
(b) Study Fig. 5 and Table 1, which show the different uses of water in two states in Australia.

![Pie charts showing water use in Northern Territory and South Australia]

**Key**
- agriculture
- domestic
- industry
- other

**Fig. 5**

**Table 1**

<table>
<thead>
<tr>
<th>water use in South Australia</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>agriculture</td>
<td>77</td>
</tr>
<tr>
<td>domestic</td>
<td>10</td>
</tr>
<tr>
<td>industry</td>
<td>5</td>
</tr>
<tr>
<td>other</td>
<td>8</td>
</tr>
</tbody>
</table>
(c) The use of water by the five countries is shown in Table 2.

<table>
<thead>
<tr>
<th>Country</th>
<th>Agriculture (%)</th>
<th>Domestic (%)</th>
<th>Industrial (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>66</td>
<td>21</td>
<td>13</td>
</tr>
<tr>
<td>Bangladesh</td>
<td>88</td>
<td>10</td>
<td>2</td>
</tr>
<tr>
<td>India</td>
<td>91</td>
<td>7</td>
<td>2</td>
</tr>
<tr>
<td>Indonesia</td>
<td>70</td>
<td>11</td>
<td>19</td>
</tr>
<tr>
<td>Papua New Guinea</td>
<td>0.3</td>
<td>57.7</td>
<td>42</td>
</tr>
</tbody>
</table>

Fig. 8 shows water use in Australia. Using information from Table 2, complete Fig. 8. Use the key provided.

Key
- agriculture
- domestic
- industrial
JUNE 2012

Explain a reason for the changes to water supply quality between 1990 and 2008 (8)

Evaluate the consequences, for different players, of an increasing gap between water supply and demand (20)
JAN 2013
Using figure 1, explain the contribution that players make to ensuring safe and reliable water supplies for all (8)

Using named examples, assess the extent to which conflict over water supplies is inevitable (12)
Using figure 2, explain how physical factors influence water availability in areas A and B.

Using named examples, assess the relative importance of economic development and environmental once (12)
JUNE 2013
Using Figure 2 explain how physical and human factors might help to explain the global pattern of water stress (8)

Using names examples, evaluate the advantages and disadvantages of contrasting technologies to secure water supplies in developing countries (20)
SAMPLE 2008

Explain one way human well being might be affected by the data in Figure 2 (4)
JUNE 2011

Explain one reason why there may be differences in water consumption for the countries shown (3).
JUNE 2017 (OLD SPEC)
Suggest one reason for the changes in water demand between 2000 and 2050 (3)

Using names examples, assess the role of different players and decision makers in trying to secure a sustainable water future (12)
JAN 2011

Suggest one possible consequence for the environment of the projected changes in water withdrawal (3)

Suggest one possible consequence for people of the projects changes in water withdrawals (3)
Explain why over-abstraction of groundwater could become a problem for Area A. (4)
JUNE 2016 (OLD SPEC)
Study figure 2. Explain the causes and consequences of differences in water cost
Timed essay practice:
June 2011: Using named examples, assess the impact of using trans-boundary water sources on people and the environment (12)