

Waste from human activity

Mark scheme

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|----|-----|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------------|
| 1. | (a) | (i) | (more) habitats / (greater) variety of habitats / range of food
<i>allow (more) places / trees for homes or different places to live</i>
<i>allow no pesticides /herbicides / chemicals sprayed</i>
<i>allow more food</i>
<i>allow safer / can hide</i>
<i>allow effects of machinery</i> | 1 | |
| | | (ii) | any two from:
<ul style="list-style-type: none"> • building /houses / factories / etc
<i>ignore timber / uses of wood</i> • roads • quarrying • waste dumps / landfill • grazing | 2 | |
| | (b) | (i) | fertilisers | 1 | |
| | | (ii) | pesticides | 1 | |
| | | (iii) | pesticide / herbicide / chemicals / sprays
<i>allow river (through farmland) polluted</i>
<i>allow correct effect of fertilisers on river organisms</i> | 1 | |
| | (c) | any two from | <ul style="list-style-type: none"> • pollution / named pollutant / combustion / cars • dumping waste / litter
<i>allow 'not recycling'</i> • raw materials used up or reference to quarries / mines • chopping down trees • building / houses / etc • global warming | 2 | [8] |
| 2. | (a) | increases in human population;
<i>gains 1 mark</i> | | 3 | |
| | | 2 of:
have led to need for land to be used for housing;
and for industry;
farming;
transport;
leisure

<i>each for 1 mark</i> | | | |
| | (b) | 4 of e.g.
reduced number of habitats;
possible reduction in number of species;
more waste/pollution; | | 4 | |

examples of pollution;
one effect of this waste;
reference to herbicides/pesticides;
references to excess fertilisers;
reference to food chain effects
each for 1 mark

[7]