|  |  |
| --- | --- |
| **Feature of natural selection** | **Effect on peppered moths when trees are black with pollution** |
| Selection pressure | Change in colour of tree trunks to black |
| Natural variation |  |
| Type with selective advantage | because |
| Type selected for |  |
| Type selected against |  |
| Result of natural selection over many generations |  |

|  |  |
| --- | --- |
| **Feature of natural selection** | **Effect on incidence of warfarin-resistant rats** |
| Selection pressure | Warfarin poison to kill rats |
| Natural variation |  |
| Type with selective advantage | because |
| Type selected for |  |
| Type selected against | Non-resistant rats – die when poisoned |
| Result of natural selection over many generations |  |

|  |  |
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| **Feature of natural selection** | **Effect on incidence of antibiotic resistant bacteria** |
| Selection pressure |  |
| Natural variation |  |
| Type with selective advantage | because |
| Type selected for |  |
| Type selected against |  |
| Result of natural selection over many generations |  |
| **Feature of natural selection** | **Effect on length of giraffe’s neck** |
| Selection pressure | Competition for food |
| Natural variation |  |
| Type with selective advantage | because |
| Type selected for |  |
| Type selected against |  |
| Result of natural selection over many generations |  |