B2 Revision Dictionary

|  |  |  |
| --- | --- | --- |
| Keyword | Definition | Diagram to help you remember? |
| Homeostasis |  |  |
|  | Cells that detect stimuli in the environment |
| Effectors |  |
| Neurone | A nerve cell |
| Central Nervous System (CNS) |  |
|  | Nerve cells that carry impulses TOWARDS the CNS |
|  | Nerve cells that carry impulses AWAY from the CNS to the effectors |
|  | The junction (gap) between neurones |
| Reflex Arc |  |
|  | The system made up of glands that produce hormone |
| Hormones |  |
|  | The hormone which makes the eggs mature (produced in the pituitary gland) |
|  | Hormone which thickens the lining of the uterus (produced in the ovaries) |
|  | Hormone which causes the eggs to be released (ovulation) |
| Insulin |  |
| Glucagon |  |
| Type … | A disease you are born with where you do not make enough insulin to control your blood glucose |
| Contraception |  |
|  | When an egg is fertilised by a sperm outside of the body |
|  | When two parents produce offspring – gametes are fused and variety is produced |
|  | When one parent produces an exact copy of itself |
| Meiosis |  |
| Fertilisation |  |
| Gene |  |
| Genome |  |
| Chromosome |  |
|  | An individual with 2 identical alleles (e.g. AA or aa) |
|  | An individual with different alleles for a characteristic (e.g. Aa) |
| \_\_\_\_\_\_otype | The alleles present in the genes of someone |
| \_\_\_\_\_\_otype | The characteristics that someone has |
| Dominant |  |
| Recessive |  |
| Polydactyly |  |
| Cystic Fibrosis |  |
| Genetic engineering |  |
|  | When the genes of an embryo are checked before it’s born |
| Genetic Variation |  |
| Environmental Variation |  |
| Mutation |  |
| Natural Selection |  |
| Selective Breeding |  |
| Fossil |  |
| Extinction |  |
|  | Bacteria that cannot be killed by antibiotics |
| Classification |  |
| Species |  |
| Community |  |
|  | The living factors that affect communities |
|  | The non-living factors that affect communities |
|  | A square piece of equipment used to sample a particular area in an ecosystem |
| Transect |  |
| Adaptation |  |
| Producers |  |
| Consumers |  |
| Decomposers |  |
| Biodiversity |  |  |
| Acid Rain |  |  |
| The greenhouse effect |  |  |