Edexcel iGCSE Biology Checklist

Section B6: Coordination

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| ***I can*** | ☺ | 😐 | ☹ |
| 2.77 understand that organisms are able to respond to changes in their environment |  |  |  |
| 2.79 understand that a coordinated response requires a stimulus, a receptor and an effector |  |  |  |
| 2.83 describe how responses can be controlled by nervous or by hormonal communication and understand the differences between the two systems |  |  |  |
| 2.84 understand that the central nervous system consists of the brain and spinal cord and is linked to sense organs by nerves |  |  |  |
| 2.85 understand that stimulation of receptors in the sense organs sends electrical impulses along nerves into and out of the central nervous system, resulting in rapid responses |  |  |  |
| 2.86 describe the structure and functioning of a simple reflex arc illustrated by the withdrawal of a finger from a hot object |  |  |  |
| 2.87 describe the structure and function of the eye as a receptor |  |  |  |
| **2.88 understand the function of the eye in focusing near and distant objects, and in responding to changes in light intensity** |  |  |  |
| Understand the functions of different parts of the brain |  |  |  |
| Describe, in outline, the structure and function of a synapse |  |  |  |
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