**Cecil Andrews College**

**Yr 12 ATAR Human Biology**

**Scientific Inquiry 2**

**Transmission of Disease and Immunisation**

The task has two parts:

**Part I (36 Marks)**

Describe the different ways antigenic / pathogenic material can be transmitted to people. You need to include at least one example of a disease for each method (the example can be one of the diseases on the “Childhood Immunisation Schedule” or different diseases). Put this into a table with Method, Description and Example/s as the table headings.

(Example)

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| --- | --- | --- |
| **Transmission (1 each)**  **Total = 9** | **Description (2 marks)**  **Total = 18** | **Example/s (1 mark)**  **Total = 9** |
|  |  |  |

**Part II (18 Marks)**

You need to visit the URL’s listed below and study the Childhood Immunisation Schedule.

Describe the aim of the Childhood Immunisation Schedule. Explain in detail how this schedule achieves its aim.

(Hint: Who? What? Why? Vaccination protocol, immunity, herd immunity.)

<http://healthywa.wa.gov.au/Articles/A_E/Childhood-immunisation-schedule>

<http://www.immunise.health.gov.au/internet/immunise/publishing.nsf/Content/national-immunisation-program-schedule>