**DIT636/DAT560 -**

**Combinatorial Interaction Testing Activity**

You are designing system-level tests for a web browser with multiple configuration options. You have identified the following **choices** with **representative values** for each.

| **Allow Content to Load** | **Notify About Pop-Ups** | **Allow Cookies** | **Warn About Add-Ons** | **Warn About Attack Sites** | **Warn About Forgeries** |
| --- | --- | --- | --- | --- | --- |
| Allow | Yes | Allow | Yes | Yes | Yes |
| Restrict | No | Restrict | No | No | No |
| Block |  | Block |  |  |  |

The full set of possible test specifications contains 144 options. This is too many! Instead, we want to create a covering array of specifications that covers all **pairwise (2-way) value combinations** in fewer test specifications.

(hint: start with two variables with the most values and add additional variables one at a time)