※ 考生請注意：本試題不可使用計算機。

　　請用 ″英文″ 於答案卷(卡)作答，於本試題紙上作答者或用中文作答，不予計分。

I. Essay on Digital Media (15%)

Consider human and computer interface; please pick one particular example.

1. Describe the selected example. (4%)

2. Is it a commend line interface, graphic user interface or natural user interface? (3%)

3. Identify 3 different types of media used in this example. (3%)

4. For the 3 different types of media you identified, please describe, compare and contrast their characteristics in terms of handling the digital information and aesthetic expression in the example. (5%)
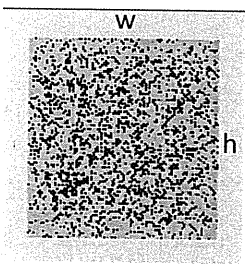

II. Design (75%)

The New and Unexpected Old

Please pick one (or more) item (s) we use daily, and design a new use for it

1. The design: describe your design in terms of the setting, instructions, its purpose, and its name. (15%).

2. Please draw at least **ten** prototypes and explain the reason(s) for the final design. (30%)

3. How **new and unexpected** is your design compared to the item's original function and look? (15%)

4. Explain the **originality** of your design by comparing it with 2 existing examples. (15%)

III. Coding (10%)

Within a 100 (h) x 90 (w) window, the following code in Processing will produce 3000 points moving randomly. The background colour is 200. A, B and C are three blank spaces. Please complete the code by filing in these black spaces.


```
void setup(){}
void draw(){
background(255);
for(int i=0; i< A; i++)
point(random( B ),random( C ));
}
```

$A=$

$B=$

$C=$