

**Instructions:**

- No mobile phones/electronics watches/books/paper allowed during the exams.
- Please read the test carefully.
- Three sheets have been provided. Extra sheets will be provided on request.

**Materials Required:**

- Art material such as black pens, pencils 2B, eraser, ruler, colour pencils and sketch pens, ruler.
- Please refrain from water colour / poster/ crayon colours.

**Time management:**

- Manage your time to creatively find the problem and clearly sketch/illustrate the solution.

Choose one design challenge from the two given below.

- A. Use the A4 sheet to write and the A3 sheet to sketch
- B. Use only one side of the paper to sketch.
- C. The sketch should illustrate the solution. Use of labels should be minimum
- D. Evaluation will be based on creativity of the solution and quality of the sketches.

**Design challenge 1:**

If friction between wooden sticks generated electricity, humanity would have learned the applications of electricity long before it learned the applications of fire. There would be tremendous changes in our methods of cooking, tools, transport, infrastructure and in general our way of living. Imagine all the possible differences, think of all the experiences that would change **today** simply because it was easier to channelize electricity. Describe a boon and a bane faced in such a world.

Design a daily use object/service/experience that would address the bane, or use the boon. Explore many ideas through quick sketches.

Detail one idea to a concept sketch that you would like to take ahead. Describe your rationale in 100 words.

**Design challenge 2:**

A door or a compass in essence have not changed in a few centuries. Reimagine the form, function and the emotive qualities of a door or a compass.

Sketch out your design. Make sure you sketch many ideas. Detail one idea to a concept sketch that you would like to take ahead. Describe your rationale in 100 words.