EXAMPLE QUESTIONS ADMISSION TEST ARCHITECTURE

MATHEMATICS

1. 1. The value of the following limit $\lim\limits_{x \to \infty} \dfrac{\sqrt{4x-2}}{\sqrt{x}+5}$ is:
   a. 2
   b. 4
   c. ∞
   d. 0

PHYSICS

1. When placing two identical batteries in parallel, the voltage obtained is:
   a. Double that with one battery
   b. Half that with one battery
   c. Same as with one battery
   d. It depends on the external resistors that are connected

GEOMETRY

1. Perpendicularity in the dihedral system:
   a. Seen directly between straight and flat
   b. Seen directly between straight
   c. Seen directly between flat
   d. Only seen directly in third projection