EXAMPLES PROOF OF ADMISSION

Biology

1. **The breathing cellular is a process that has place in:**
   a. He core.
   b. The mitochondria .
   c. The ribosomes.
   d. The lysosomes.

2. **The cells prokaryotes lack of:**
   a. DNA double-stranded.
   b. RNA.
   c. Centrioles.
   d. Membrane plasma.

3. **Which of the following guys of cells synthesizes the myelin?:**
   a. Cells of Schwann.
   b. Neurons.
   c. Platelets.
   d. Myelocytes.

Chemistry

1. **From the 4 M NaCl solution, 2 L of a 0.1 M solution are to be prepared. of NaCl. That volume of the dissolution concentrated shall take?:**
   a. 40   mL.
   b. 50 mL .
   c. 66.7 mL.
   d. 100 mL.

2. **The geometry of the molecule of water is:**
   a. Rectangular.
   b. Tetrahedral
   c. Angular.
   d. Linear.

3. **The items in the board periodic are ordered by order growing of:**
   a. Mass atomic.
   b. Number atomic.
   c. Mass molecular.
   d. Radio molecular.

Math

1. **Say which of the following straight lines is parallel to the straight:** $\frac{x-1}{2} = \frac{y-2}{4}$

   to. 2x+4y-8=0

   b. 4x+2y-8=0

   c.4x-2y-8=0

   a. None

2. **Halla the derivative of the function y=cos^{2}x in x=0:**

   a. 1

   b. 2

   c. 0

   d. None

3. **Say which is he spot of inflection of the function y=2x^3-6x^2+5:**

   to. (-1,-3)

   b. (1.0)

   c. (1,1)

   d. None