



Some Clicker Questions - #1

Which of the following is a correct statement about entropy?


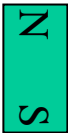


- A) Entropy is a measure of disorder
- B) States with a high entropy are more naturally disordered**
- C) In physical processes, like a swinging pendulum, entropy decreases since energy goes into random motion.
- D) Entropy is measured in Joules, J
- E) A formula for entropy is temperature divided by heat input



Some Clicker Questions - #2

A magnetic field is oriented as shown. Which way will a bar magnet orient in this field?



- A) 
- B) 
- C) 
- D) 

Hint: Magnetic field points from North to South

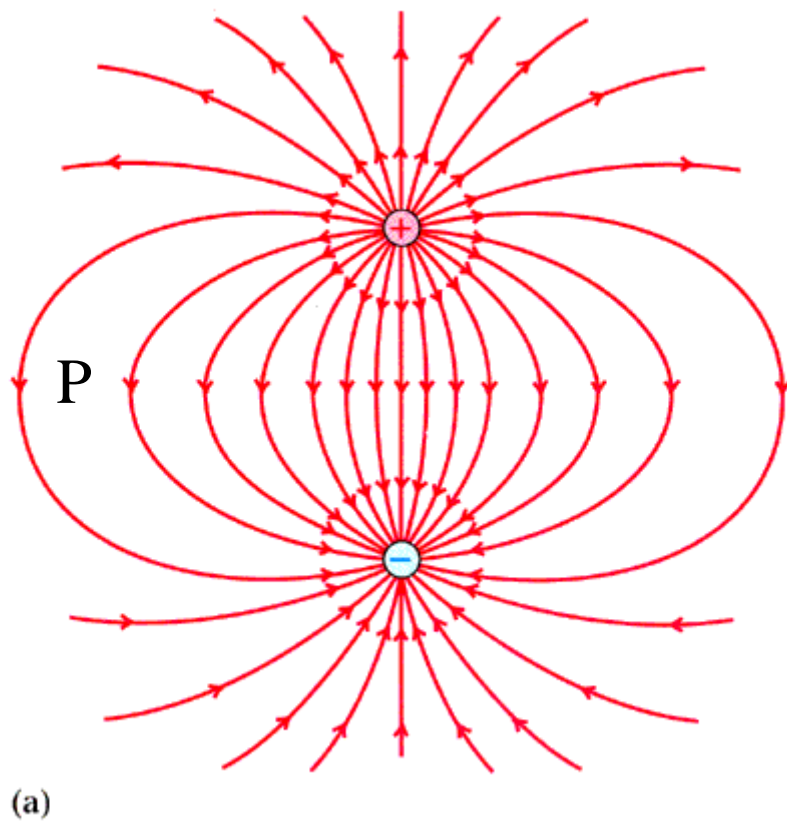


Some Clicker Questions - #3

The North geographic pole of the Earth is near a south magnetic pole?

- A) **True**
- B) **False**

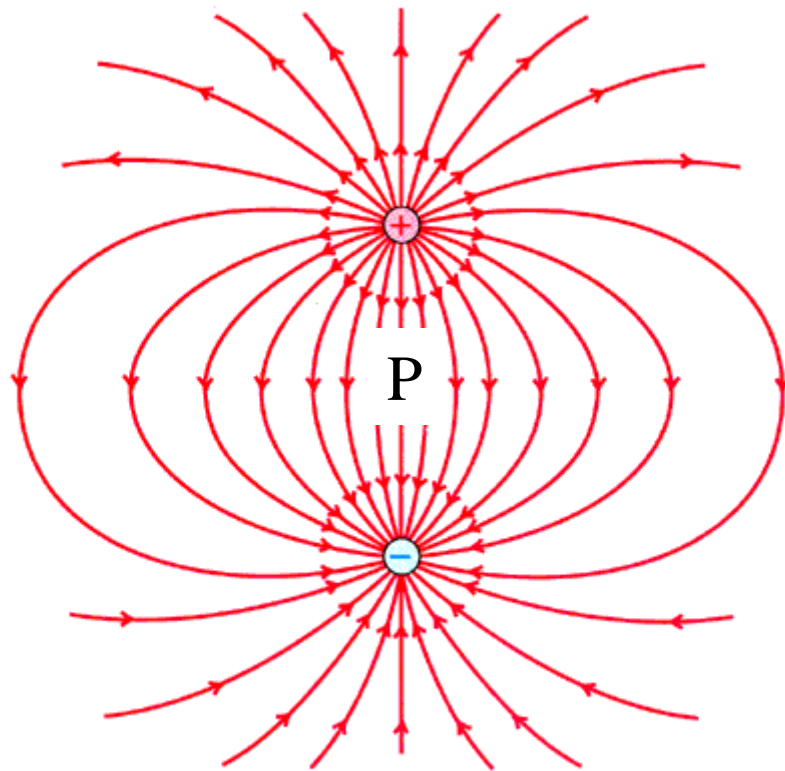
Some Clicker Questions - #4



The direction of a force on a charge at P is

- A) Up
- B) **Down**
- C) Left
- D) Right
- E) zero

Some Clicker Questions - #5



(a)

An electron at P will feel a force

- A) **Up**
- B) Down
- C) Left
- D) Right