

Answer on the question #66606, Chemistry / Physical Chemistry

Question:

Question 13 : How long would a constant current of 18.0 amperes be required to flow in order for 9000. coulombs of charge to pass through a cell

50 s

0.002 s

200 s

500 s

Question 14 : The conjugate base of HCl is

HOCl

H⁺

OH⁻

Cl⁻

Question 15 : Buffering is:

all of these

due to LeChatelier's Principle

influenced by the common ion effect

is a process that is done by a solution made up of a weak acid and its salt

Question 16 : Which of these is incorrect about the pH of a solution?

pH = -log[H⁺]

an alkali has a higher pH value than an acid

The higher the pH, the more acidic the solution is

It is a measure of the acidity of the solution

Answer:

Question 13: 500 s

Explanation: $I=q/t$; $t=q/I = 9000(C)/18(A)=500 (s)$

Question 14: The conjugate base of HCl is Cl⁻

Question 15: all of these

Question 16: The higher the pH, the more acidic the solution is

Answer provided by <https://www.AssignmentExpert.com>