

# ACS CP - American Chemical Society Certified Professional Practice Test Questions and Answers

## 1. What does a pH meter measure?

- A) Salt concentration
- B) Hydrogen ion concentration
- C) Temperature
- D) Solubility

## 2. What is the molarity (M) defined as?

- A) Moles per kilogram
- B) Grams per liter
- C) Moles per liter
- D) Liters per mole

## 3. What is the general formula for alkenes?

- A)  $C_nH_{2n+2}$
- B)  $C_nH_{2n}$
- C)  $C_nH_n$
- D)  $C_nH_{2n-2}$

## 4. Which detector is used in gas chromatography?

- A) Flame ionization detector
- B) Thermal conductivity detector
- C) Photodiode array
- D) Spectrometer

**Answers: 1-B 2-C 3-B 4-A**

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