

Module 2 Exam - Requires Respondus LockDown Browser + Webcam

Due No due date

Points 100

Questions 30

Time Limit 120 Minutes

Requires Respondus LockDown Browser

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	56 minutes	82.5 out of 100

Score for this quiz: **82.5** out of 100

Submitted Mar 8 at 6:05pm

This attempt took 56 minutes.

Question 1

0 / 3 pts

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[Scientific Calculator \(https://www.desmos.com/scientific\)](https://www.desmos.com/scientific)

The pH of a solution of 3.2×10^{-10} M NaOH is:

- A. 3.7
- B. 3.7×10^{-10}
- C. 4.5
- D. 13
- E. 8.7

A

B

C

D

E

Correct Answer

You Answered

Question 2

3 / 3 pts

Water is a unique molecule. Which of the following contributes to water's unique place in the chemical world?

The geometry of the molecule

The polarity of the O-H bonds

The ability of water molecules to hydrogen bond

The bond angle of water

All of the answers are correct

Correct!

Question 3

0 / 3 pts

The bent shape of water is due to _____.

- The dipole arrows in a water molecule
- The electronegativity difference between hydrogen and oxygen
- The unequal electron sharing between hydrogen and oxygen

You Answered

Correct Answer

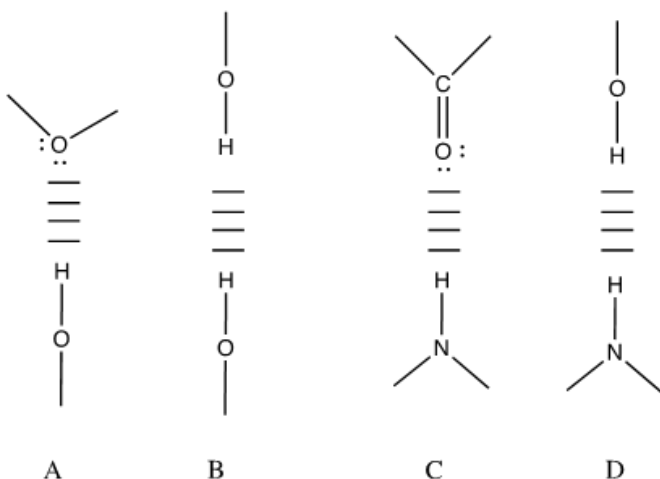
- The unshared electron pairs on the oxygen atom
- None of the answers are correct

Question 4

3 / 3 pts

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Which diagrams *correctly* represent a hydrogen bond?



- A and B