

CHEM 210 Final Exam

(5 sets of Final Exam's)

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Set 1 [learnexams](https://www.learnexams.com)

Question 1

3 / 3 pts

True or False: Nitrogen is called the superglue of the chemical world.

FALSE

Question 2

3 / 3 pts

True or False: Large elements, such as strontium, are common in biomolecules.

FALSE

Question 3

3 / 3 pts

True or False: The time it takes for a compound to flow through a metabolic pathway is called the payoff phase.

FALSE

Question 4

3 / 3 pts

True or False: Proteins, carbohydrates, and fats all get broken down into acetyl-CoA.

TRUE

Question 5

3 / 3 pts

True or False: A fat is a lipid molecule that is a solid at room temperature.

TRUE

Question 6

3 / 3 pts

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In DNA, guanine always pairs with_____.

Thymine

Guanine

Uracil

Cytosine

Both A and B

CYTOSINE

Question 7

3 / 3 pts

Water is considered a polar solvent due to attractive forces known as hydrogen bonds. A hydrogen bond is_____.

A bond that is stronger than a covalent bond

An attractive force between molecules where partially positive hydrogen atoms are attracted to partially negative atoms of F, O, or N.

The polar O-H bond in water

An ionic bond between H and another atom

A covalent bond between H and O

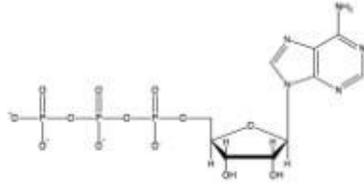
AN ATTRACTIVE FORCE BETWEEN MOLECULES WHERE PARTIALLY POSITIVE HYDROGEN ATOMS ARE ATTRACTED TO PARTIALLY NEGATIVE F, O, OR N

Question 8

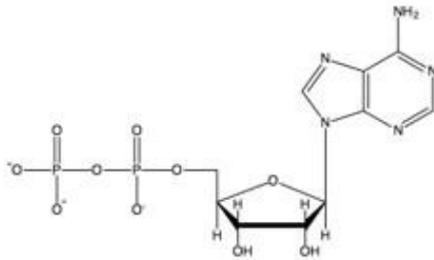
3 / 3 pts

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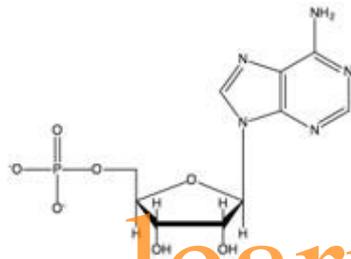
Which of the following is the structure of ADP?



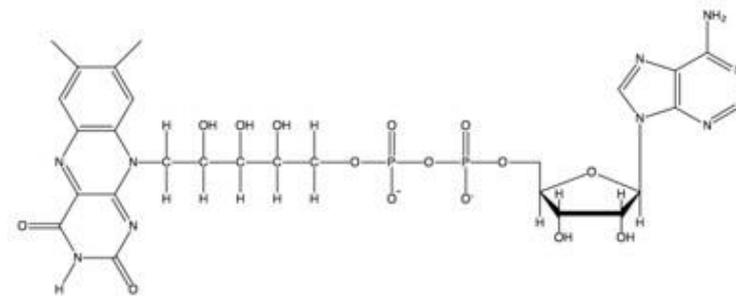
A.



B.



C.



D.

E. None of the above

B