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QUIZIZZ **Worksheets**

CSE115 Quiz 1 - 68_A

Total questions: 16

Worksheet time: 9mins

Instructor name: Faria Khan

Name

Class

Date

1. Computational _____

It is the branch of chemistry where computers are used for solving chemical problems related to simulation.

Ans. _____

2. What is DCS?

a) Distributed Computer System

b) Duplicate Computer System

c) Distributed Control System

d) Duplicate Control System

3. Bioinformatics=?

a) Biochemistry + informatics

b) Biology + chemistry + computer science + physics and many more

c) Computer science + information system

d) Biology + information

4. Computational chemistry uses the result of_____.

a) Theoretical chemistry

b) Applied chemistry

c) Applied physics

d) Theoretical physics

5. Which Property of Molecule can NOT be identified using Computational Chemistry?

a) dipole moment

b) Energy overlapping inertia

c) relative energy

d) spectroscopic quantity.

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6. Molecular geometry can be specified using Computational Chemistry

a) True
b) false

7. Determination of structure of ligand and target through X-ray crystallography and NMR spectroscopy is possible using Computational Chemistry.

a) False
b) True

8. Docking of ligand in receptor active sites and exact measurement of geometric and energetic favorability of such interaction is not be found out using Computational Chemistry.

a) False
b) True

9. Where DCS is used?

a) Plant Energizing
b) Dipole Mechanism of Extra Terrestrial object
c) Water Treatment
d) Ecoplanterism

10. What is HMI?

a) Human Machine Interface
b) Holdam Mechanism Interface
c) Hollowed Machine Inertia
d) Human Molded Inertia

11. How many levels are there in DCS?

a) 6
b) 8
c) 4
d) 7

12. Which of the following systems are being used by Forensic labs?

a) Chromatography
b) Ligand Identification
c) Hartree Fock
d) DCS

13. The most major structural difference between the building blocks of DNA and RNA is _____.

a) The Sugar
b) Uracil
c) The phosphate
d) The Strand

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14. Which Computational chemistry allows you to crunch an output with huge amount of data parameter.

a) Molecular Mechanics

b) Quantum Chemistry

15. How is the quiz?

a) Fun

b) Very annoying

c) Very much Fun

d) Not that fun

16. According to Watson and Crick, DNA has Two _____ strands,

a) antiparallel

b) 5' to 3'

c) complementary

d) Triple Hydrogen Bond

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Answer Keys

1. Chemistry, chemistry
2. c) Distributed Control System
3. b) Biology + chemistry + computer science + physics and many more
4. a) Theoretical chemistry
5. b) Energy overlapping inertia
6. a) True
7. b) True
8. a) False
9. c) Water Treatment
10. a) Human Machine Interface
11. c) 4
12. a) Chromatography
13. a) The Sugar
14. a) Molecular Mechanics
15. n/a
16. c) complementary , antiparallel

a)

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