

----- determining the overall
geometry of atoms

Bond orientation

Bond strength

Bond length

amount of energy
that must be
supplied to break a
bond

the ----- is Essential buffer that maintain pH

H_2CO_3

water

Carbons

O_2

living creatures composed mainly of-----Chemical elements

31

22

46

51

HOW Co₂ move in blood ?

red blood cell

hemoglobin

H₂CO₃

plasma - polar bond

Hydrophobic interactions are ?

true interactions

Self-association of
polar compounds in
an
aqueous environment

Maximize unfavorable
interactions between
nonpolar groups and
water

in a cage like
structure

all of the following are Properties of noncovalent Interactions except ?

Relatively weak

Reversible

Can't be attractive or
repulsive

Involve interactions
both within the
biomolecule
and between it and
the water

the strongest carbon bond ?

Single

triple

double

same same

water is all of the following except ?

It is angular

Water is a polar molecule
as a whole because of:
the different
electronegativity
between Hydrogen and
oxygen

Water is weakly
cohesive

an excellent solvent
because It is small
and it weakens
electrostatic forces

all of the following about carbon are false except ?

It can form polar and non-polar molecules.

Pure carbon is water soluble

carbons have electrons giving molecules 3 dimensional structure

It can't form four bonds

the most 4 Abundant elements ?

H/O/P/N

H/P/N/S

H/O/C/N

P/S/C/O

1 → A

2 → B

3 → A

4 → C

5 → D

6 → C

7 → B

8 → C

9 → A

10 → C

السؤال

الرابع

في جدول

"معلوماتها"