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* Assignment :: Bio Chemistry (C

* ID :- 16822.

Q:1:- protein Stabilizing
Factor is only H-Bond:

→ Hydrogen Bond contribute
favorably to protein stability.

→ The contribution of Hydrogen
Bond to protein stability
is strongly context-
dependent.

→ H, Bond by side
Chain & pipied group
make similar contribution
to protein Stability.

(2)

→ The Contribution of Hydrogen Bond to proteins stability is similar for VHP, a small protein & U1SE, a large protein.

→ Hydrogen Bond, Hydrophilic Bond, Conformational entropy proteins stability, large protein & small protein.

Q:2: Structure of Plasma membrane
on the Base of Fluid
Mosaic model :->

The Component of Mosaic
model :-

includes

- > Phospholipids
- > Cholesterol
- > protein
- > Carbohydrate

They give the membrane

Fluid Character.

-> That are constantly moving. This movement help the cell maintain

(4)

→ Some time referred to

as a fluid mosaic -

Because it has many

type of molecule

that make up the

cell membrane -

→ The liquid part is

The lipid bilayer which

floats along the lipid

due to the many many

type of molecule

that make up the
cell

10/10/20