

Bio 3  
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2/8/13

30-40 multiple choice

couple - short answer

- show work for math

2-4 - essay questions

- 2 sides

- single side

- nucleic acids DNA + RNA are macromolecules that store info by having unique sequences of molecules
- stores info, complete set of instructions for you. - stable
- both play central roles in directing protein production in organisms.

- Normal cell functioning can be disrupted when cell membranes

- DNA - holds genetic info to build organism

- ability to split molecule w/o losing any info

- Base-Pairing

- A + T

} determine shape of protein

- G + C

- based on how they are paired

### Chapter 3

learning objective

- what is a cell?

- 2 types

- Structure + function

- 9 important landmarks in eukaryotic cells.

(landmarks = organelle)

- what is a cell?

- all living things are made of cells

- all cells come from pre-existing cells

- small independently performing nec. funct. of life

- reproduces itself

- discovered 1600's

- 3-D structure - like fluid filled balloon

- most too hard to see

- other easy to see = egg

- egg white = protein

- egg yolk = fat/energy