## CHE 102 - Homework - Ch 29b

|       | p. 804-824                    | Protein Structure  | Score:/45 |
|-------|-------------------------------|--|-----------|
| Name  | D:                            | _ Da   | ate:      |
|       | · ·                           | rour own words. Do not write the definitions from actures where appropriate. Use complete sentences  | •         |
| 4 pt] | 1. Define Primary Structure a | and include a picture illustrating your definition.  |           |
|       |                               |  |           |
|       |                               |  |           |
|       |                               |  |           |
| 5 pt] |                               | e, also list the 3 types and sketch a picture of 2 odrogen bond that would form between two amino ac |           |
|       |                               |  |           |
|       |                               |  |           |
|       |                               |  |           |
|       |                               |  |           |
| 5 pt] | 3. Define Tertiary Structure, | also list the 5 forces responsible for the formation   | 1         |
|       |                               |  |           |
|       |                               |  |           |
|       |                               |  |           |

[4 pt] 4. Define Quaternary Structure and include a picture illustrating your definition.

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| this an<br>Asp and |
|--------------------|
|                    |
|                    |
| tertiary           |
| t                  |

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| [5 pt] | 9. Define denaturation. | List at least f  | ive different | ways to denature proteins.     |
|--------|-------------------------|------------------|---------------|--------------------------------|
|        |                         |                  |               |                                |
|        |                         |                  |               |                                |
|        |                         |                  |               |                                |
|        |                         |                  |               |                                |
| [5 pt] | 10. Proteins serve many | functions in the | he body. Lis  | t 7 functions they can perform |