NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE DUE: \_\_\_\_\_\_\_\_\_\_\_\_

TEACHER: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Year 10 Science**

**/16**

**HOMEWORK SHEET No. – LG .**

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| **1.** Write a definition:

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| --- |
| (a) DNA (name and what it does): |
|  |
| (3) |
| (b) GENE (name and what it does): |
| (1) |
| (c) CHROMOSOME: |
| (1) |
| (d) KARYOTYPE: (1) |

 | /6 |
| **2.** Explain how a simple molecule such as DNA control the function and structures of your body. *(Hint – your answer should discuss how DNA, proteins, and your body are linked)*

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 | /4 |
| **3.**  Complete the complementary bases in these two very short DNA sequences **What do each of the letters A, T, C, and G stand for?** | /**6** |