Sci 9 **Changes to a Cells DNA**

*Use your text page 53-55 to complete the questions below.*

1. What is a mutation?
2. An example of a harmful mutation is one that causes cystic fibrosis (CF). Briefly describe what this mutation does to cells and how it affects the human body.
3. What is cancer?
4. What are the TWO types of tumours? Describe each.
5. How are cancer cells different from “normal” cells?
6. What is metastasis?
7. What causes cancer? Provide some examples.
8. How is cancer treated?
9. Look at the photos on pages 56 of your text. Which photo shows cancerous cells?
10. What characteristic of cancer cells make them easy to identify with a microscope?
11. Explain how this characteristic relates to the behaviour of cancer cells.