BSC 1005: Life Science

Activity 4: Chapter 4 Cancer *Name(s)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

Complete the following problems. Use your class notes to help find the answers.

1. Define cancer.
2. What are three ways that cancer cells differ from regular cells?
3. What is it called when cancer cells spread? How do they spread through the body?
4. What are 5 risk factors for cancer?
5. What is a major difference between sexual and asexual reproduction?
6. Draw a chromosome and label the following parts: centromere, sister chromatids.
7. Draw the cell cycle and define and label the following parts: Interphase, G1, S, G2 and mitosis
8. List the stages of mitosis in the correct order. Provide a brief description of each stage.
9. List 3 major differences between mitosis and meiosis.