

How Do Cancer Cells Behave differently from Healthy Ones?

(Answer the following questions on a lined piece of paper in full sentences, neatly)

1. About how many cells are in the human body?(1 mark)
2. Cancer cells are rogue clones. List and describe three mutations that allow these cells to escape the normal restrictions placed on our body's cells.(3 marks)
3. Why doesn't cancer just die off after one rogue division?Explain(2 marks)
4. There are many actions that you can take to improve your lifestyle and reduce your risk of developing cancer. How can you take an active role in cancer prevention?(3 marks)
5. There are three routine treatments recommended to treat cancer. Provide details of each.(6 marks)
6. Harry is diagnosed with prostate cancer. What are some questions that he should ask his doctor? Why should he ask those questions? This is a thinking, logical question.(2 marks)
7. Why are chemotherapy and radiation dangerous?Explain (2 marks)
8. What naturally are the most frequently dividing cells in our body?(4 marks)
9. What are the most common side effects of Chemo Therapy?(7 marks)
10. Why are chemotherapeutic drugs generally successful against cancer cells?(2 marks)