

Name: \_\_\_\_\_

Class: \_\_\_\_\_

## INVESTIGATING CANCER AND ITS CAUSES

Answer each of the questions to follow. Use the provided reading as a reference to compose your answers.

1. What is cancer?

*cells multiplying and spreading in an uncontrolled way*

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2. What do you think is meant by the expression “cancer is mitosis gone wild”?

*mitosis is cells reproducing, and cancer causes it to happen very rapidly (wildly)*

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3. What is a carcinogen?

*something that causes cancer*

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4. What are some examples of carcinogens?

*chemicals, radiation, inherited (genetic factors), certain viruses and repeated damage*

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5. How might someone become exposed to carcinogens?

*working in certain jobs (asbestos, pesticide)*

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6. What is one strong link to getting lung cancer?

*smoking*

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7. What is one form of cancer commonly diagnosed in Canada?

*skin cancer (melanoma)*

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8. What are some recommendations to prevent this type of cancer?

*sunblock, protective clothing, stay out of the sun*

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9. What is chemotherapy?

*a chemical treatment that attempts to destroy cancerous cells*

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10. Why do you think it is important to visit your doctor regularly?

*treatments are most successful if cancer is diagnosed in an early stage*

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11. Why is research so important to cancer patients?

*there is currently no cure*

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12. What are some research techniques that might become popular in the future?

*gene therapy, vaccines or drugs to boost the immune system*

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