**Accident at Jefferson High Video Questions**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_\_

Complete the following questions:

1. Accidents always occur because of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. List some of the typical hazards in a science lab.

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3. Flammable and volatile liquids are stored in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Caustics (corrosive material) should be near the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. \_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_ should be separated.

6. List several possible accidents which may occur during a laboratory activity.

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7. List some things that should be done to prepare for a lab.

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8. To dilute an acid, always add the acid \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9. Never \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ chemicals.

10. How can one avoid “mix-ups”? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

11. Acid spills are best neutralized with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12. Base spills are best neutralized with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

13. How would you treat an acid or base spill on the skin or into the eyes?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

14. When lighting the burner, always turn on the gas \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

15. What do you use to tell the difference between hot and cool glass?

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16. List some safety considerations for heating liquids in a test tube.

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17. Flammable liquids should be extinguished by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Answers to Lt. Grumman‛s Safety Test (True/False)

1. 8.

2. 9.

3. 10.

4. 11.

5. 12.

6. 13.

7. 14.