

ANSWER KEY

All ()s Were Found At The Crime Scene*

Chromatography (10 Points)

Please tape the chromatography strip here and write down who's pen it is.

*1. _____ Robin _____

Prints/DNA (20 points, 5 points each)

*1. _____ Johanna _____

*2. _____ Robin _____

*3. _____ Johanna _____

*4. _____ Robin _____

Plastics/Fibers (20 points, 5 points each)

1. _____ Man-Made _____

*2. _____ Vegetable _____

*3. _____ PP _____

4. _____ PS _____

Unknowns (100 Points, 5 points each)

- *1. _____ Baking Soda _____
2. _____ Salt _____
3. _____ Sand _____
4. _____ Cornstarch _____
- *5. _____ Yeast _____
- *6. _____ Vit. C _____
- *7. _____ Alka Seltzer _____
8. _____ Gypsum _____
9. _____ Sodium Acetate _____
- *10. _____ Flour _____
11. _____ Sugar & Calcium
Carbonate _____
12. _____ Alka Seltzer & Cornstarch _____
13. _____ Water _____
14. _____ Hydrogen Peroxide _____
15. _____ Rubbing Alcohol _____
16. _____ Hydrogen Peroxide _____
17. _____ Iron _____
- *18. _____ Copper _____
19. _____ Aluminum _____
- *20. _____ Zinc _____

Essay (50 points)

_Robin was the culprit___10 points_____

_Supporting evidence___10 points_____

_Possible motive_____5 points_____

_Others are innocent_____10

points_____

_Reason they are innocent_5 points_____

_Evidence that could incriminate the innocent_____

_____10 points__