

**Diabetes**

1. What is diabetes?

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

2. What percent of the American population suffers from diabetes?

\_\_\_\_\_

3. Does one's culture have the potential to affect their risk of developing type 2 diabetes? In what ways?

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

4. Is the occurrence of Diabetes in the United States increasing or decreasing?

\_\_\_\_\_

5. What other disturbing health occurrence that affects the rates of diabetes has an upward trend in the United States?

\_\_\_\_\_

6. Is type 1 diabetes preventable? Yes No

7. Is type 2 diabetes preventable? Yes No

8. What is the number one factor in the upward trend of diabetes? \_\_\_\_\_

9. What are the two most important factors in the upward trend in obesity?

a. \_\_\_\_\_

b. \_\_\_\_\_

10. What is the number one influence on a person's diet? \_\_\_\_\_

11. List five things a patient can do to reduce their risk of diabetes.

a. \_\_\_\_\_

b. \_\_\_\_\_

c. \_\_\_\_\_

d. \_\_\_\_\_

e. \_\_\_\_\_

**Investigation 3.6B: Diabetes**

Dr. \_\_\_\_\_

Worksheet 1, Page 2

12. Describe how physicians are also teachers. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

13. Name seven or more complications that attack your diabetic patient's health.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_

14. Which two hormones produced in the pancreas regulate your body's blood sugar levels? \_\_\_\_\_

15. What is the basic function of insulin? \_\_\_\_\_  
\_\_\_\_\_

16. What is the basic function of glucagon? \_\_\_\_\_  
\_\_\_\_\_

17. In which pancreatic cells are insulin and glucagon produced? \_\_\_\_\_  
\_\_\_\_\_

18. Where within the abdominal cavity is the pancreas located?  
\_\_\_\_\_

19. What medical instrument is useful to evaluate the condition of your diabetic patient's retina? \_\_\_\_\_

