Blood sugar notes (A1, A3/A6, A7, A8) · ANSWER KEY

Biology A · Unit 6 Blood Sugar & Diabetes · Level 2 guided notes. Use with the class slides.

Name: _____

Fill in each blank with a word from the word bank in that box. Each word is used one time.

A. What is going on? (A1)

1. Most diabetes in adults is type **2**.
2. Diabetes rates are higher in older adults and in people with less **money** or schooling.
3. Which is a fair CLAIM from the CDC data? (circle 1)

Many American adults are at risk for type 2 | Few Americans get type 2

Word bank: 2 | money

B. Homeostasis (A3 / A6)

4. Keeping the body in balance is called **homeostasis**.
5. Insulin is made by the **pancreas**.
6. Insulin is like a **key** that lets glucose into cells.
7. Number what happens after a meal (1-4):

2 pancreas releases insulin
4 blood glucose goes back down
1 blood glucose goes up
3 glucose enters cells

Word bank: homeostasis | key | pancreas

C. Genetic and environmental risks (A7)

8. Risk that comes from your family is **genetic**.
9. Match the risk factor to its type:

(Key: family history → genetic · drinking soda every day → environmental · exercise → environmental (lowers risk))

family history	environmental (lowers risk)
drinking soda every day	environmental
exercise	genetic

Word bank: genetic

D. Solutions (A8)

10. Drinking **water** instead of soda helps keep blood sugar steady.

11. Which are prevention ideas? (circle 2)

more PE time **healthy school lunches** more soda machines

Word bank: **water**

Level 2 version of the gen ed "A1 What is going on, A3/A6 Homeostasis, A7 Genetic & Environmental Risks, A8 Solutions."

🔑 *Key written by our team from Ms. Dunham's materials, please check.*