

5. What are the **11 major organ systems** in the human body (list them)

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.

6. Give **two examples** of what can happen to a person if the body's homeostasis is not maintained.

7. Give **two examples** when the body's homeostatic mechanisms may be unable to maintain stable conditions within your body.

8. What is **diabetes** and what **two hormones** are responsible for maintaining the proper levels of **glucose** within your body?

9. Explain how the failure of one organ can lead to the failure of other organs or of an entire organism?

10. A system to maintain homeostasis must have at least four parts that function together. Name these parts and briefly explain what each one does.