

Name _____

World Diabetes Day

Answer Key

Correction Marks

Diabetes is a chronic medical condition characterized by elevated blood sugar levels, known as hyperglycemia. It occurs when the body either can not produce enough insulin (a hormone that regulates blood sugar) or cannot effectively use the insulin it produces. There are too primary types of diabetes:

Type 1 Diabetes - This is an autoimmune condition in which the body's immune system mistakenly attacks and destroys the insulin-producing cells in the pancreas. As a result, people with Type 1 diabetes must take insulin injections or use an insulin pump to manage their blood sugar levels. It is typically diagnosed in childhood or early adulthood and is not preventable.

Type 2 Diabetes - This form of diabetes is more commonly and often develops later in life, although it is becoming increasingly prevalent in younger individuals due to lifestyle factors. Type 2 diabetes is primarily linked to genetic factors, obesity, poor diet, and physical inactivity. In this type, the body's cells become resistant to insulin, making it difficult for glucose to enter the cells, leading to elevated blood sugar levels. Management may involve lifestyle changes, orally medications, or insulin therapy.

Complete Passage

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