BIOLOGY DEPARTMENT 2024

S.3 BIOLOGY

DURATION:45MINS

NAME:

STREAM:

EXPECTED SCORE:

ITEM 1

Micheal ,a diabetic patient ,experiences high blood sugar levels even after adhering to his medication regimen. He wonders how hormones and enzymes might be involved in glucose regulation. How do hormones and enzymes interact to regulate glucose levels in the body? Which hormones are responsible for stimulating the enzymes involved in glucose regulation and what could be causing Michaelꞌs persistent high blood sugar levels?(15MRKS)