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Name: \_\_\_\_\_

BISC 104 – Quiz 11

Time: 5 minutes

*Session 12*

Maximum Points: 07

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1. Type \_\_\_\_\_ diabetes results when insulin is produced by pancreas, but the body fails to respond to it. While Type \_\_\_\_\_ diabetes is caused because of pancreas failing to produce any insulin. [02]
  2. For each, denote whether the enzyme on the left hand side stimulates(‘+’) or inhibits(‘-’) the production of enzyme on the right hand side of the arrow [03]
    - a Cortisol  $\longrightarrow$  CRH
    - b CRH  $\longrightarrow$  ACTH
    - c ACTH  $\longrightarrow$  Cortisol
  3. Tetraiodothyronine( $T_4$ ) is secreted by pituitary glands. (**True/False**) [01]
  4. In the activity where you obtained Glucose standard curve, we used an instrument that measured the amount of light of different wavelengths absorbed and transmitted by a pigmented solution. This is ultimately used to calculate the optical density of the solution. Name the instrument.. [01]
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