



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Life Science

Class: X

Date: 23.04.2020

CHAPTER: CONTROL & COORDINATION IN LIVING ORGANISMS

**TOPIC: FEEDBACK MECHANISM
OF HORMONE ACTION**

WORKSHEET 15

Choose the correct option:

(1X15=15)

- Which of the following hormones is released in a positive feedback mechanism?
a. Thyroxine b. Oxytocin c. Both a & b d. None of these
- Which of the following is related to production of a biochemical itself due to its own accumulation?
a. Positive feedback control b. Negative feedback control c. Neutral response d. None of these
- At the onset of Labour, uterine contraction causes release of
a. Progesterone b. Oestrogen c. HCG d. Oxytocin
- One of the major role of hormones is to maintain
a. Hemostasis b. Homeostasis c. Both a & b d. None of these
- In which type of feedback loop, Thyroxine inhibits release of TSH releasing hormone?
a. Positive feedback control b. Negative feedback control c. Neutral response d. None of these
- Which of the following hormone stimulates pituitary to secrete thyrotrophic hormone?
a. TSH b. TRH c. vasopressin d. Oxytocin
- Which of the following hormone stimulates Thyroid gland?
a. TSH b. TRH c. Thyroxine d. Prolactin
- Which of the following cells secrete TSH –releasing hormone?
a. Neuroglia cells b. Neurosecretory cells c. Glomus cells d. None of these
- Most of the feedback mechanism of hormone action is
a. Negative b. Positive c. Neutral d. Partly positive & partly negative
- The phenomenon of increase in hormone production can take place in
a. Positive feedback control b. Negative feedback control c. Both a & b d. None of these
- A rise in TSH level in the blood may have effect on hypothalamus during negative feedback control to
a. increase TSH level b. decrease TRH level c. Increase TRH level d. Decrease TSH level
- Which of the following carries the neurohormones released from Hypothalamus?
a. Carbohydrate b. Fat c. Protein d. None of these
- In negative feedback control, synthesis of hormone slows when its level in blood
a. Rises b. Decreases c. Doesn't change d. Can be a or b
- Which of the following hormone's secretion is controlled by negative feedback mechanism?
a. Thyroxine b. Insulin c. Oxytocin d. Both a & b
- Which of the following is an example of a closed loop control mechanism of hormone action?
a. Positive feedback control b. Negative feedback control c. Both a & b d. None of these

-Debjani Chakraborty