



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 SOLUTION 15

Choose the correct option:

(1X15=15)

1. Which of the following hormones is released in a positive feedback mechanism?
b.Oxytocin
2. Which of the following is related to production of a biochemical itself due to its own accumulation?
a.Positive feedback control
3. At the onset of Labour, uterine contraction causes release of
d.Oxytocin
4. One of the major role of hormones is to maintain
b.Homeostasis
5. In which type of feedback loop, Thyroxine inhibits release of TSH releasing hormone?
b.Negative feedback control
6. Which of the following hormone stimulates pituitary to secrete thyrotrophic hormone?
b.TRH
7. Which of the following hormone stimulates Thyroid gland?
a. TSH
8. Which of the following cells secrete TSH –releasing hormone?
b.Neurosecretory cells
9. Most of the feedback mechanism of hormone action is
a. Negative
10. The phenomenon of increase in hormone production can take place in
c.Both a &b
11. A rise in TSH level in the blood may have effect on hypothalamus during negative feedback control to
b. decrease TRH level
12. Which of the following carries the neurohormones released from Hypothalamus?
c. Protein
13. In negative feedback control, synthesis of hormone slows when its level in blood
a. Rises
14. Which of the following hormone's secretion is controlled by negative feedback mechanism?
d.Both a & b
15. Which of the following is an example of a closed loop control mechanism of hormone action?
c.Both a &b

-Debjani Chakraborty