



# ST. LAWRENCE HIGH SCHOOL



## A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Life Science

Class: X

Date: 20.02.2021

### CHAPTER: CONTROL & COORDINATION IN LIVING ORGANISMS TOPIC: HORMONES

#### WORKSHEET 10

**Choose the correct option:**

**(1X15=15)**

1. Which of the following hormones can diffuse through the cell membrane?  
a. Hydrophobic hormones    b. Steroid hormones    c. Peptide hormones    d. Both a&b
2. From which of the following glands does secretion come out into the skin surface?  
a. Thyroid gland    b. Endocrine gland    c. Exocrine gland    d. None of these
3. -NH<sub>2</sub> group is present in  
a. Thyroxine    b. Epinephrine    c. Androgens    d. Both a&b
4. BMR increases when concentration of  
a. T<sub>3</sub> increases    b. T<sub>3</sub> decreases    c. T<sub>4</sub> decreases    d. None of these
5. Immediate reaction combating stress conditions is related to  
a. Androgens    b. Testosterone    c. Adrenaline    d. All of these
6. By which of the following is sexual behaviour of animals is primarily influenced?  
a. Pituitary gland    b. Hypothalamus    c. Thyroid gland    d. Both a&b
7. Which of the following is synthetic hormone?  
a. NAA    b. IPA    c. 2,4-D    d. All of these
8. Which of the following hormone was discovered to get secreted from Fungi?  
a. Auxin    b. Gibberellins    c. Cytokinin    d. Both a&c
9. Which if the following hormone act as anti- auxin?  
a. Abscissic acid    b. Cytokinin    c. Gibberellins    d. Both a& b
10. Bakanae disease is related to  
a. Abscissic acid    b. Cytokinin    c. Gibberellins    d. Both a& b
11. Parthenocarpic fruit development is mainly influenced by  
a. Auxin    b. Gibberellins    c. Cytokinin    d. Both a&c
12. Which of the following hormones can be obtained in their synthetic form?  
a. Auxin    b. Gibberellins    c. Cytokinin    d. All of these
13. The primary site of Auxin formation is  
a. Shoot apical meristem    b. root apical meristem    c. Young leaves    d. Both a&c
14. Which of the following is true about hormones?  
a. Poured into blood    b. Can be protein in nature    c. All are hydrophilic    d. Both a&b
15. Which of the following is secreted by hypothalamus?  
a. TRH    b. Thyrotrophic hormone    c. TSH    d. Both a&b

-Debjani Chakraborty