

ONE TWO ACADEMY**STD 10 SCIENCE****Hormones****Total:- 25 marks****Time:- 45 minutes****Answer the following questions:****4 x 1 = 4**

1. What is the Richmond Lang effect ?
2. Who is known as father of endocrinology.
3. What are the hormones secreted by thyroid gland?
 - (i) _____ is the hormone secreted by the thymus.

Answer any three of the following questions:-**3 x 2 = 6**

5. Fill in the blanks:

- (i) _____ is life-saving hormone.
- (ii) _____ is known as a time-messenger.
- (iii) _____ is called the Master gland.
- (iv) _____ are also called as supra renal glands.

6. Sanjay is sitting in the exam hall. Before the start of the exam, he sweats a lot, with increased rate of heart beat. Why does this condition occur ?

7. Bring out any two physiological activities of abscisic acid.

8. What are synthetic auxins ? Give Example.

Answer any two of the following questions:-**2 x 4 = 8**

9. a) What is the role of parathormone.

b) Why are thyroid glands referred to as personality hormones?

10. a) Name the gaseous plant hormone. Describe its three different actions in plants.

b) Which hormone is known as stress hormone in plants ? Why ?

11. What is diabetes mellitus? How it is characterised?

Answer any one of the following questions:-**1 x 7 = 7**

12. Mentions the functions of male and female sex hormones.

13. Explain Warmolt Went's experiment.