

THIRUVANANTHAPURAM EDUCATIONAL DISTRICT

STANDARD X BIOLOGY (Answer key)

BWS X 8

I.

- A. Inhibitory Hormone.
- B. Vasopressin or Anti Diuretic Hormone (ADH)
- C. Prolactin.
- D. Pineal.
- E. Thyroxine.
- F. Parathyroid.
- G. Thymosin.
- H. Aldosterone.
- I. Epinephrine (Adrenaline)
- J. Pancreas.
- K. Glucagon.
- L. Testosterone.
- M. Ovary.
- N. Progesterone.

II.

- a. Pheromone.
- b. The chemical substances that are secreted by certain animals to the surroundings to facilitate communication are called pheromones.
- c. Musk deer - muscone.
Civet cat - civetone.
Female silkworm moth – Bombycol

III.

- a.
 - A. Informing the availability of food.
 - B. Determining the path of travel.

IV.

- A. Auxin.
- B. Cell growth, cell division, cell differentiation.
- C. Ethylene.
- D. Dormancy of embryo, dropping of ripened leaves and fruits.
- E. Gibberellin.

V.

- A. Auxins.
- B. For increasing fruit size and also for preventing ripening of fruits to assist marketing.
- C. Ethylene.
- D. Increases the production of latex in rubber trees.
- E. Abscisic acid.

VI. Prepare any five points supporting both the aspects on your own.
