



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Biological Sciences

Class: XI Date: 22.3.2021

Neural Control and coordination

F.M:15

WORKSHEET – 74

(1x15=15)

- i) Which of the following controls the concentration of urine?
(1) ADH (2) Oxytocin (3) ACTH (4) None of these
- ii) A damage in the thymus may result in
(1) Loss of an antibody mediated immunity (2) Reduction in stem cell production (3) Deafness (4) Loss of cell – mediated immunity
- iii) A group of hormones called _____ are released by cortex
(1) Glucose (2) Glucocorticoid (3) Glucagon (4) None of these
- iv) The thyroid gland swells up due to the deficiency of
(1) Calcium (2) Iodine (3) Phosphorus (4) None of the above
- v) _____ is a chemical substance that is released by an organism that can affect the behaviour of another individual of the same species.
(1) Pheromone (2) Androgen (3) Testosterone (4) All of these
- vi) Secretin causes the stimulation of
(1) Water (2) Bile juice (3) Gastric secretion (4) Pepsinogen
- vii) In adults insufficient thyroxine can lead to
(1) Goitre (2) Tetany (3) Cretinism (4) Myxedema
- viii) In the body both Sodium and Potassium levels are regulated by
(1) Pheromones (2) Aldosterone (3) Cortisol (4) Androgens
- ix) Anabolic steroids are _____ versions of testosterone
(1) Effective (2) Synthetic (3) Natural (4) Ineffective
- x) Endemic goitre is a state of
(1) Increased thyroid function (2) Normal thyroid function (3) Decreased thyroid function (4) Moderate thyroid function
- xi) Which of the following is released by the alpha cells of the pancreas?
(1) Calcitonin (2) Glucagon (3) Insulin (4) None of the above
- xii) _____ is a hormone responsible for social bonding before child birth.
(1) Oxytocin (2) Osteocalcin (3) Renin (4) None of the above
- xiii) Sella Turcica is found in
(1) In bones (2) In joints (3) Nearby pituitary (4) Nearby thyroid
- xiv) What is the effect of GnRH produced by the thalamus?
(1) Stimulates the synthesis and secretion of androgens (2) Stimulates secretion of milk in mammary glands (3) Stimulates fetal ejection reflex (4) Stimulates synthesis of Carbohydrates from non-carbohydrates in the liver
- xv) Catecholamine in a person induces
(1) Intense salivation (2) Alertness (3) Decrease in heartbeat (4) Excessive urination