



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