



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: LIFE SCIENCE

Class: VIII Date: 08.06.2020

Chapter- 5-The Nervous System

FM: 15

WORKSHEET – 31 (Answer Key)

(1x15=15)

- i) The part of the brain that controls the involuntary actions is
(1) Hypothalamus (2) Thalamus (3) **Medulla** (4) Pons
- ii) Which of the following controls the endocrine system and emotions?
(1) Thalamus (2) Midbrain (3) Pons (4) **Hypothalamus**
- iii) The canal present at the centre of spinal cord is
(1) Peripheral canal (2) Dorsal Canal (3) **Central Canal** (4) Ventral Canal
- iv) The spinal cord is a bundle of
(1) Arteries (2) Veins (3) **Nerves** (4) Capillaries
- v) The spinal cord is protected by
(1) Cranium (2) **Vertebrae** (3) Ribs (4) None of these
- vi) Meninges are present in
(1) Brain (2) Spinal Cord (3) **Both (1) and (2)** (4) None of these
- vii) The central canal continues from _____ of the brain
(1) First Ventricle (2) Second Ventricle (3) Third Ventricle (4) **Fourth Ventricle**
- viii) The central canal is filled with
(1) Synovial fluid (2) Tissue Fluid (3) **Cerebro Spinal Fluid** (4) Amniotic Fluid
- ix) The grey matter is present within, with the white matter surrounding it. This orientation is observed in
(1) Cerebrum (2) Cerebellum (3) **Spinal Cord** (4) Medulla
- x) The total number of cranial nerves in our body is
(1) **12 pairs** (2) 14 pairs (3) 31 pairs (4) 43 pairs
- xi) The total number of spinal nerves in our body is
(1) 14 pairs (2) **31 pairs** (3) 43 pairs (4) 12 pairs
- xii) The process of excretion is controlled by
(1) **Autonomic Nervous System** (2) Somatic Nervous System (3) Both (1) and (2)
(4) None of these
- xiii) The rate of Oxygen supply during physical exercise is enhanced by
(1) Somatic Nervous System (2) **Sympathetic Nervous System** (3) Para Sympathetic Nervous System
(4) All of these
- xiv) The rate of heartbeat is decreased by
(1) Somatic Nervous System (2) Sympathetic Nervous System (3) **Para Sympathetic Nervous System**
(4) All of these
- xv) The execution of involuntary actions by autonomic nervous system is controlled by
(1) Midbrain (2) Cerebellum (3) Pons (4) **Medulla**

Manjaree Guha