ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: LIFE SCIENCE **Class: VIIIDate: 29.04.2020**

Chapter- 4–The Circulatory System **FM: 15**

WORKSHEET – 20 **(1x15=15)**

i) The flow of blood through all parts of the body is called-
(1) Respiration (2)Circulation (3)Locomotion (4)Movement

ii) Which of the following forms a closed network through which blood is pumped?
(1) Lymph vessels (2) Blood vessels (3)Nerves (4)None of these

iii) Which of the following is not a type of blood vessel?
(1) Capillaries (2) Veins (3)Arteries (4) Nodes

iv) Oxygenated blood is carried by
(1) Veins (2)Arteries (3)Capillaries (4)All of these

v) Generally arteries carry blood from
(1) Heart to lungs (2)Lungs to heart (3)Body to heart (4)Heart to body parts

vi) The smaller branches of arteries are called -
(1) Arterioles (2) Venules (3)Bronchioles (4) None of these

vii) Which of the following is the thinnest blood vessel?
(1) Arteries (2)Arterioles (3) Veins (4)Capillaries

viii) Which of the following functions are performed by the capillaries?
(1) Movement of oxygen to cells (2) Absorption of nutrients in the body
(3)Uptake of Carbon dioxide from the cells (4) All of these

ix) Which of the following vessels generally carry blood from the body to the heart?
(1) Arteries (2)Veins (3)Capillaries (4) Venules

x) Which of the following blood vessels have a single layer of epithelial cells?
(1) Arteries (2) Veins (3)Capillaries (4) Venules

xi) Deoxygenated blood contains
(1) Less CO_2 , more O_2 (2)Only CO_2 (3)Only O_2 (4)More CO_2, less O_2

xii) Which of the following have the widest lumen?
(1) Veins (2) Arteries (3)Capillaries (4) Venules

xiii) Which of the following prevents the backflow of blood?
(1) Sphincter (2)Valves (3)Nodes (4)Muscles

xiv) Which of the following vessels do not have valves in them?
(1) Arteries (2) Arterioles (3)Capillaries (4) All of these

xv) The walls of arteries can withstand the blood pressure because they are
(1) Thick and elastic (2)Thin and rigid (3) Thick and rigid (4)Thin and elastic

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