



# ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: LIFE SCIENCE

Class: VIII

Date: 01.05.2020

## Chapter- 4 – The Circulatory System

FM: 15

### WORKSHEET – 22

(1x15=15)

- i) Which of the following muscles keep the blood circulation going?  
(1) Smooth                      (2) Skeletal                      **(3) Cardiac**                      (4) All of these
- ii) Exchange of gases in the lungs takes place through  
(1) Trachea                      (2) Bronchi                      (3) Bronchioles                      **(4) Alveoli**
- iii) To complete one cycle the blood passes to the heart  
(1) Once                      **(2) Twice**                      (3) Thrice                      (4) Four times
- iv) Pulmonary circulation is related to-  
(1) Kidneys                      **(2) Lungs**                      (3) Stomach                      (4) Liver
- v) In systemic circulation, the blood is carried to the heart from  
(1) **Entire body**                      (2) Lungs                      (3) Kidney                      (4) Brain
- vi) The name of the major artery is  
(1) Ventricle                      (2) Auricle                      (3) Pulmonary Artery                      **(4) Aorta**
- vii) The aortic valve guards the entrance of blood to the aorta from  
(1) **Left ventricle**                      (2) Left auricle                      (3) Right auricle                      (4) Right ventricle
- viii) The number of coronary arteries that arise from the aorta is  
(1) 1                      **(2) 2**                      (3) 3                      (4) 4
- ix) Which of the following processes help in the exchange of blood with the cells?  
(1) **Internal respiration**                      (2) External respiration                      (3) Cutaneous Respiration                      (4) Pulmonary respiration
- x) The deoxygenated blood enters the right auricle through  
(1) Pulmonary Vein                      (2) Aorta                      (3) Pulmonary artery                      **(4) Venacava**
- xi) Deoxygenated blood from the cardiac muscles is carried into the right auricle by-  
(1) Pulmonary vein                      (2) Pulmonary artery                      **(3) Cardiac Veins**                      (4) Cardiac artery
- xii) The artery that carries deoxygenated blood is  
(1) Aorta                      **(2) Pulmonary artery**                      (3) All arteries of the body                      (4) Both (1) and (2)
- xiii) The valve that guards the entrance to the pulmonary artery is -  
(1) Tricuspid valve                      (2) Bicuspid valve                      **(3) Pulmonary Valve**                      (4) Aortic Valve
- xiv) Which of the following is not a semilunar valve?  
(1) Aortic valve                      (2) Pulmonary Valve                      (3) Both (1) and (2)                      **(4) Bicuspid Valve**
- xv) Which of the following carries oxygenated blood to the left auricle?  
(1) Venacava                      **(2) Pulmonary veins**                      (3) Pulmonary arteries                      (4) Aorta

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