



# ST. LAWRENCE HIGH SCHOOL



## A JESUIT CHRISTIAN MINORITY INSTITUTION

### SOLUTIONS – 47

Class: IX

Sub: Life Science

Date: 21.11.2020

#### Topic: Heart, Conduction of heartbeat and circulation through heart

F.M. : 15

Choose the correct option:

(1x15=15)

- The muscular middle layer of the heart wall is called-  
a) Pericardium **b) myocardium** c) pericardium d) endocardium
- The ..... valves are present between the left auricle and left ventricle.  
**a) bicuspid valves** b) tricuspid valves c) semi lunar valves d) all of these
- The tough strings called ..... Keep the AV valves in place.  
a) semi lunar valves **b) Chordae tendineae** c) Bundle of His d) AV Node
- The ..... is called the pace maker of the heart .  
**a) Sino atrial node** d) AVN c) Bundle of His d) Purkinje's fibres
- The ..... is called the pace setter of the heart.  
a) Bundle of His b) Purkinje's fibres c) SAN **d) AVN**
- The following junctional tissue is present in the wall of right auricle inferior to superior vena cava:  
**a) Sinoatrial node** b) Atrioventricular node c) Bundle of His d) Purkinje's fibres
- ..... receives deoxygenated blood by superior vena cava and inferior vena cava:  
a) right ventricle b) right auricle **c) left auricle** d) left ventricle
- The deoxygenated blood is carried to the lungs for oxygenation via:  
a) Pulmonary vein **b) Pulmonary artery** c) aorta d) Inferior vena cava
- The pulmonary vein carries oxygenated blood from lungs to .....  
**a) right auricle** b) right ventricle c) left auricle d) Left ventricle
- ..... valves are present between ventricles and arteries that carry blood away from heart  
**a) Semi lunar valve** b) Tricuspid valve c) Bicuspid valve d) Both (b) and (c)
- The largest artery in the human body is .....  
a) Pulmonary artery b) carotid artery **c) aorta** d) none of these
- Semi lunar valves are ..... shaped.  
a) dumbbell b) reniform **c) crescent** d) round
- ..... fluid protects heart against friction  
a) Blood **b) pericardial fluid** c) lymph d) tissue fluid

14. .... Is the innermost layer of the heart wall  
a) epicardium **b) Endocardium** c) Myocardium d) Pericardium
15. The special sac like organ which protects the heart is called.....  
a) Peritoneum **b) Pericardium** c) Pleura d) none of these

Shaista Ahmed