



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Biological Sciences

Class: XI

Date: 8.2.2021

## Body fluids and Circulation

F.M:15

### WORKSHEET – 62

(1x15=15)

- i) The number of chambers in human heart is  
(1) 4 (2) 6 (3) 8 (4) 2
- ii) The heart sound 'dup' is produced when  
(1) Mitral valve is closed (2) Mitral valve is opened (3) Semilunar valve at the base of aorta gets closed (4) Tricuspid valve is opened
- iii) The pacemaker of the heart is called  
(1) AV node (2) SA node (3) papillary muscles (4) Purkinje fibres
- iv) Systole refers to the contraction of  
(1) SA node (2) atria and ventricles (3) major arteries (4) All of the above
- v) Bundle of His is a part of which one of the following organs in humans?  
(1) Heart (2) Kidney (3) Brain (4) Pancreas
- vi) The cells present in SA node consists of  
(1) P cells (2) Pan Pacemaker Cells (3) Both (1) and (2) (4) Cardiomyocytes
- vii) Sinus rhythm was generated at  
(1) SA node (2) AV node (3) Purkinje fibres (4) Bundle of His
- viii) Which of the following affects the heart rate?  
(1) Age (2) Metabolic rate (3) Body shape (4) All of these
- ix) The middle layer of blood vessels is called  
(1) Tunica media (2) Tunica adventitia (3) Tunica interna (4) Tunica externa
- x) Which of the following is called capacitance vessel?  
(1) Arteries (2) Arterioles (3) Veins (4) Capillaries
- xi) The circulation between heart and somatic cells is called  
(1) Pulmonary circulation (2) Systemic circulation (3) Hepatic portal circulation (4) Coronary circulation
- xii) The circulation taking place in the cardiac muscles is called  
(1) Pulmonary circulation (2) Systemic circulation (3) Hepatic portal circulation (4) Coronary circulation
- xiii) Which of the following is called reserve pacemaker?  
(1) AV node (2) SA node (3) Internodal bundle (4) Purkinje fibres
- xiv) Which of the following have widest lumen?  
(1) Arteries (2) Veins (3) Capillaries (4) All of these
- xv) The special arteries supplying blood to the arterial wall are called -  
(1) Pulmonary artery (2) Vaso vasorum (3) Pulmonary vein (4) All of these

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Manjaree Guha