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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