**Sub: LIFE SCIENCE**          **Class: VIII** **Date: 11.05.2020**

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

**WORKSHEET – 24**                    **(1x15=15)**

i)   The pressure of the blood on the walls of the arteries is called
(1) **Arterial pressure**          (2)Auricular pressure     (3) Ventricular pressure (4)None of these

ii)   The maximum pressure during a heartbeat  is called
(1) Diastolic pressure          **(2) Systolic pressure**          (3)Arterial pressure          (4)Ventricular pressure

iii)   The minimum pressure is called
(1) **Diastolic pressure**          (2) Systolic pressure          (3)Arterial pressure          (4) Ventricular pressure

iv)   The normal range of systolic pressure is about _____ mm of Hg
(1) **100-140**          (2)180-200          (3)80-60          (4)60-90

v)   The normal range of diastolic pressure is about _____ mm of Hg
(1) 100-140          (2)180-200          (3)80-60          **(4)60-90**

vi)   A person is said to have hypertension when the systolic pressure exceeds
(1) **140mm of Hg**          (2)110 mm of Hg          (3)120 mm of Hg          (4) 90 mm of Hg

vii)   A person is said to have hypertension when the diastolic pressure exceeds
(1) 140mm of Hg          (2)110 mm of Hg          (3) 120 mm of Hg          **(4)90 mm of Hg**

viii) Elderly people are more prone to developing hypertension due to loss of elasticity of
(1) Atrial walls          **(2) Arterial walls**          (3)Capillary walls          (4) Ventricular walls

ix)   Which of the following is not a cause of hypertension?
(1) Smoking          (2)Alcohol          (3)Fatty foods          **(4)Exercise**

x)   Which of the following causes heart to pump blood with more force?
(1) High blood sugar          (2)Migraine          **(3)High blood pressure** (4)Gastric ulcer

xi)   Which of the following gets deposited on the walls of the arteries?
(1) Olive oil          **(2)Cholesterol**          (3)Linoleic acid  (4)Linseed oil

xii) Deposition of cholesterol leads to -
(1) Narrowing of arteries  (2) Blocking of arterial walls  (3)Rupture of arteries  **(4)All of these**

xiii) Rupture of arteries may lead to the formation of
   (1) **Blood clots**          (2)Benign tumors          (3)Malignant Tumors          (4)Hypertrophy

xiv) Hypertension leads to damage of
   (1) Eyes          (2) Kidneys          (3) Heart          **(4) All of these**

xv) Arterial pressure is expressed as
(1) **Systolic pressure by diastolic pressure** (2)Diastolic pressure by systolic pressure                    (3) Systolic pressure * diastolic pressure   (4)Systolic pressure + diastolic pressure

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