



# ST. LAWRENCE HIGH SCHOOL



## A JESUIT CHRISTIAN MINORITY INSTITUTION

### SOLUTIONS – 44

Class: IX

Sub: Life Science

Date: 09.11.2020

#### Topic: Circulatory system :- Types of Body fluids

F.M. : 15

Choose the correct option:

(1x15=15)

- The process / phenomenon of maintaining balance and stability in the body fluids is called :-  
a) Circulation b) **Homeostasis** c) Osmosis d) All of these
- The body water content with respect to the body mass in infants is \_\_\_\_\_ of total body weights.  
a) 50-60 % b) 45% c) **75%** d) 50%
- The proportion of water in brain and kidney is \_\_\_\_\_ percent of their masses.  
**a) 80-85** b) 50-60 c) 8-10 d) 20-25
- The body fluid included within the cells is called \_\_\_\_\_.  
a) Extra cellular fluid b) blood plasma **c) Intracellular fluid** d) Blood plasma
- The body fluid which surrounds all the cells in the body is called \_\_\_\_\_.  
a) Intracellular fluid **b) Extracellular fluid** c) Cytoplasm d) Cytosol
- The ICF makes up about \_\_\_\_\_ percent of the total water in the human body.  
a) 5 b) 40 **c) 60** d) 95
- The plasma carries the following substance :-  
a) Clotting factors b) electrolytes c) antibodies **d) All of these**
- Cerebrospinal fluid is present in :-  
a) Between skull and brain b) Within the spinal cord c) Ventricle of the brain **d) All of these**
- Lymph helps in the following function :-  
a) Nutrition b) Transport c) Immunity **d) Both (b) and (c)**
- The mobility in joints is due to the presence of \_\_\_\_\_.  
**a) Synovial fluid** b) Peritoneal fluid c) Lymph d) blood
- The ECF which is present in membranes of heart sac is \_\_\_\_\_ fluid.  
a) Synovial b) Peritoneal **c) pericardial** d) all of these
- The pleural cavities are filled up with pleural fluid to \_\_\_\_\_.  
**a) reduce friction** b) help in nutrition c) to help in immunity d) None of these
- Aqueous humor is found in \_\_\_\_\_.  
a) Urine b) Sweat c) Water vapour in expiration **d) all of these**

14. Fluids are lost from our body through :-  
a) Joints b) Eye c) Brain d) All of these
15. The following is not the waste product carried by blood:  
a) Urea b) Amino acid c) Carbon dioxide d) Lactic acid

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