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**WORK SHEET**  
**SUBJECT- Science**  
**Chapter-10: Transport and Excretion**

**CLASS- VII**

**Date- 20.8.14**

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**I Name the following :**

- a) Selectively 'open' or porous membrane
- b) A fluid tissue which has red blood cells, white blood cells and platelets.
- c) Thinnest blood vessels
- d) An instrument which helps to hear the sound of heart beat.
- e) The artificial way of removing blood from the blood.

**II Define the following**

- |            |                 |               |                   |
|------------|-----------------|---------------|-------------------|
| (a) Xylem  | (b) Phloem      | (c) Osmosis   | (d) Transpiration |
| (e) Plasma | (f) Sweat gland | (g) Dialysis. |                   |

**III Fill in the blanks:**

- i) Things pass from a region of \_\_\_\_\_ concentration to a region of \_\_\_\_\_ concentration.
- ii) The red colour of blood is due to \_\_\_\_\_, a protein present in RBCs.
- iii) The main function of \_\_\_\_\_ cells is to defend the body against infections.
- iv) The \_\_\_\_\_ help in the clotting of blood.
- v) \_\_\_\_\_ carry blood from the heart to various parts of the body and \_\_\_\_\_ carry blood from rest of the body to the heart.
- vi) The heart is divided into two upper chambers called \_\_\_\_\_ and a lower chamber called \_\_\_\_\_.

**IV. Give reasons for the following:**

- i) Sweating helps to keep us cool.
- ii) You can feel throbbing at the wrist and throat.

**V. Choose the correct options from the following:**

- i) Food is carried from the leaves by pipes formed by  
(a) Xylem                      (b) Phloem                      (c) Sap                      (d) Osmosis
- ii) The contraction and relaxation of the heart is called  
(a) Stethoscope                      (b) Heartbeat                      (c) Pulse                      (d) Blood pressure
- iii) Filters of kidney are called  
(a) Neuron                      (b) capillaries                      (c) nephron                      (d) funnel

**VI. Draw well labelled neat diagrams of the following.**

- (a) Structure of heart                      (b) the Urinary System                      (c) Structure of nephron