

# *Doon Public School*

A Senior Secondary School  
Sector- 21, Panchkula. Ph: 0172- 2590514

**Assignment – 2**  
**Date: 29-08-2018**

**Subject: Science(Biology)**

**Class: X**

## **INSTRUCTIONS:**

- **Attempt the questions neatly in the Biology notebook.**

Q1. State the two vital functions of the human kidney. Name the procedure used in the working of artificial kidney.

Q2. Why do the walls of a trachea not collapse when there is less air?

Q3. Describe the structure and functioning of nephrons..

Q4. Draw a sectional view of the human heart and label on it –Aorta ,Right Ventricle, Pulmonary vein and vena cava.

State the function of the blood and Lymph.

Q5. Draw neat and labeled diagram of Human Brain. Mention the functions of Mid brain and hind brain.

Q6. Name any three endocrine glands in human body and write the function of each of them.

Q7. Describe the chemical coordination in the plants.

Q8. Why we say energy flow in the biosphere is unidirectional?

Q9. How is ozone formed in the upper atmosphere? Why is the damage of ozone layer a cause of concern to us?

Q10. In a food chain, 10,000 joules of energy is available to the producer. How much energy will be available to the secondary consumer to transfer it to the tertiary consumer?