**K.P.C PUBLIC SCHOOL, KHARGHAR**

**Assessment – IV (2022-2023)**

**Grade: VII Marks:40**

**Subject: Science Time: 2 HRS**

**Q1. Fill in the blanks: [6M]**

1.Phenolphthalein is a \_\_\_\_\_\_\_\_ indicator.

2.The small unit of any chemical element is called \_\_\_\_\_\_\_\_\_.

3.Each kidney consists of a large number of \_\_\_\_\_\_\_\_\_\_.

4.Litmus is obtained from \_\_\_\_\_\_\_\_\_.

5.\_\_\_\_\_\_\_\_\_\_\_\_\_ is used to measure the speed of wind.

6.In a chemical change or reaction, the interacting substances are called \_\_\_\_\_\_.

**Q2.Match the columns: [5M]**

|  |  |
| --- | --- |
|  Column A |  Column B |
| 1. Magnesium hydroxide
 | a.Calcium carbonate |
| 1. Lime
 | b.movement of air |
| 1. Phloem
 | c.Milk of magnesia |
| 1. Wind current
 | d.Iron oxide |
| 1. Rust
 | e.Transport of food |

**Q3.Distinguish between the following: [6M]**

1. Elements and Compounds
2. Acids and Bases

**Q4. Identify the odd one out with reason: [3M]**

1. Mercury , Hydrogen , Chlorine , Bromine
2. Heart , Ureter , Urethra , Kidneys
3. Vinegar , Lemon , Curd , Limewater

**Q5.Answer in short : [5M]**

1. What is a tornado?

2. What happens when Sodium hydroxide and hydrochloric acid are mixed?

3. Give an example of decomposition reaction.

4. What role does the red pigment haemoglobin play in our body?

5. Write any one disastrous consequence a cyclone can have.

**Q6.Write whether the following statements are ‘True’ or ‘False’: [5M]**

1. Warm air is lighter than cool air.

2. The symbol of lead element is Pb.

3. Hydrochloric acid is a strong acid.

4. In unicellular organisms, transport of food occurs through a well-developed circulatory system.

5. Anemometer is used to measure the direction of wind.

**Q7.Draw a well-labelled diagram of the human excretory system. [4M]**

**Q8.Long answer questions: (Any two) [6M]**

1. Explain with examples how wind exerts pressure on various things.

2. What are the functions of our circulatory system?

3. Mention two uses of the following:

 a. Sodium hydroxide b.Calcium hydroxide c. Nitric acid

4.Complete the following:

 a. Iron + Water + Air

 b. Water electrolysis

 c. Hydrogen sulphide +Zinc chloride