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

**TERM 1 (2022-23**

**GRADE: VII MARKS: 40**

**SUBJECT : SCIENCE TIME : 2 HRS**

**Q1. Fill in the blanks. 6 M**

1. Liquid and gases are together called \_\_\_\_\_\_\_\_.

2.\_\_\_\_\_\_\_\_\_ digests its food in the food vacuole.

3.The temperature at which liquid water changes into ice is called \_\_\_\_\_\_\_\_\_\_.

4.The \_\_\_\_\_\_\_\_\_\_ reservoir of freshwater is called aquifer.

5.The weather reports are prepared by the \_\_\_\_\_\_\_\_\_ Department.

6.A simple pendulum has an oscillating \_\_\_\_\_\_\_.

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

|  |  |
| --- | --- |
|  Column A |  Column B |
| 1. Wind pipe | a. Regolith |
| 2.Rainwater harvesting | b. Constant speed |
| 3.Uniorm motion | c. Recharge groundwater |
| 4.C Horizon | d. Sorter’s disease |
| 5.Anthrax | e. Trachea |

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

1.Uniform motion and non-uniform motion

2.Condensation and evaporation

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

1.Coal, air , water, sunlight

2. m/s ,km/h , s/m , m/h

3.Venus flytrap , pitcher plant , sundew , yeast

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

1.How does underground water get filtered?

2.What is shearing?

3.What do you mean by time period?

4. A simple pendulum takes 38 secs to complete 20 oscillations. What is the time period of the pendulum?

5.Define melting point of ice.

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

1.An electromagnet does not attract a piece of iron.

2.Plants which synthesise their own food are called saprotrophs.

3. Temperature is measured in calories.

4.Due to population pressure , agricultural activities are also increased.

5.A sundial is a device that is used to measure time depending on the position of the sun in the sky.

**Q7. Draw a neat and well labelled diagram of water cycle. 4 M**

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

1. What are the causes for the scarcity of water in some places in India?

2. Mr.Gupta reaches Delhi in 2 hour 30 minutes from home by driving his car at the average speed of 60

 km/h. How far is Delhi from his home?

3. Draw a time versus distance graph for the data given below and calulate the speed.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Time (min) | 0 | 5 | 10 | 20 | 25 | 30 |
| Distance (Km) | 0 | 2 | 4 | 8 | 10 | 12 |