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

**ASSESSMENT V (2022-23)**

**GRADE:VII MARKS :40**

**SUBJECT: SCIENCE TIME: 2 HRS**

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

1. The malaria – preventive medicine Quinine is made from \_\_\_\_\_\_\_\_\_\_ plants.

2. The secondary sludge can also be used as \_\_\_\_\_\_\_\_\_ in farmlands.

3. Solution which is neither acidic nor basic is called \_\_\_\_\_\_\_\_ solution.
4. Reaction in which heat is absorbed is called \_\_\_\_\_\_\_\_ reaction.

5. A \_\_\_\_\_\_\_ is used to separate the constituent colours of sunlight.

6. The process of fusion of male and female gametes is called \_\_\_\_\_\_\_\_\_.

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

|  |  |
| --- | --- |
|  **Column A** |  **Column B** |
| 1.Plane mirror | a. Spirogyra |
| 2.Fragmentation | b. Galvanization |
| 3.Coating of zinc on iron objects | c. Artificial kidney |
| 4.Dialysis | d. Sodium hydroxide |
| 5.Caustic soda  | e. Solar cooker |

**Q3. Distinguish between: 6M**

1. Real image and virtual image
2. Asexual reproduction and sexual reproduction

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

1. Cotton , jute , ramie , silk
2. Rubber , urea , resin , latex
3. Litmus , turmeric , methyl orange, china rose indicator

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

1. Write any one main objective of Van Mahotsav.
2. What is drainage?
3. Give an example of displacement reaction.
4. What will happen if there are no WBCs in the blood?
5. Write any one safety measure to be taken during storms and cyclones.

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

1. Open rainwater drains provide an ideal breeding ground for mosquitoes.
2. The human heart has three chambers.
3. Weather vane is used for weather forecast.
4. Turmeric spot becomes blue when washed with soap.
5. Deforestation can lead to global warming .

**Q7. Draw and label the reproductive parts of a flower. 4M**

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

1. What are the properties of the image formed by a plane mirror?
2. Explain the interdependence of plants and animals in a forest ecosystem.
3. State the main steps of wastewater treatment.
4. What is vegetative propagation? Write the advantages of vegetative propagation methods.

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